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VICK'S
SILVERY
PINK ASTER

VICK'S
PEERLESS
YELLOW
ASTER

VICK'S
NEW
BRANCHING
DAYBREAK
ASTER

VICK'S NEW
CERISE
ROCHESTER
ASTER

VICK'S

GARDEN & FLORAL GUIDE

SPRING
EDITION 1923

JAMES VICK'S SONS
ROCHESTER, N.Y.

THE FLOWER CITY

EARLIANA
TOMATO

VICK'S
SCARLET
GLOBE RADISH

GOLDEN
NUGGET
AND
MORNING
DEW
SWEET
CORN

RED BEAUTY
POP CORN

DANVER'S
YELLOW GLOBE
ONION

OXHEART
CARROT

DANVER'S
AND
CHANTENAY CARROTS

DETROIT
DARK RED
BEET



JOURNEYS THROUGH GARDENLAND

WITH CAMERA AND NOTE BOOK

Nearly three quarters of a century ago James Vick conceived the idea of issuing a descriptive and illustrated catalogue of his products from which his customers could secure information about gardening and from which they could make up their orders, and thus established this, America's First Direct-by-Mail Seed Concern. Through all these years we have endeavored to make this catalogue increasingly helpful and interesting and by this means have been privileged to serve an ever growing number of friends and customers and have helped thousands to success in gardening.

With this purpose constantly in mind, we each year record for you in this catalogue worth-while horticultural developments both on our own farms and in other parts of the world. Every year we take hundreds of pictures on our own farms and in the fields and gardens of our friends and customers. Every picture in this catalogue is printed from an actual photograph. Likewise, all those in color on the inside and outside covers were taken with our camera the past summer. The upper picture on the back cover shows results from Vick's Golden Self Blanching Celery, Scarlet Globe Radish, Detroit Dark Red Beet, and Chantenay Carrot on the farm of one of our good friends, N. J. Gould, Albion, New York. The basket of vegetables in the lower picture was gathered from our trial grounds.

Thus you see this catalogue is really an illustrated field note book through which we pass on to you in word and picture our records and observations of the results of Vick Seeds, Plants and Bulbs.

We are certain we never offered a larger number of worth-while varieties than you will find on every page of this book. We have made every effort to get stocks which will give the utmost satisfaction. "Vick Quality, the Best the Earth Produces," is an ideal we always keep in mind. It is hardly necessary to repeat again after 74 years in the Seed Business that we do not knowingly sell any article which is not likely to give entire satisfaction. Occasionally, however, someone thoughtlessly asks a seedsman to guarantee the results of his seeds. Such a course would be impossible based on the margin of profit on which seeds are sold, and no honest seedsman would make such a deceptive offer. Between the gathering of our seeds and the harvesting of the crops grown from them, there are many conditions not within our control. Therefore, we can not offer any guarantee as to the description, quality or productiveness of seeds, plants or bulbs or for the crops grown from them. All offers are subject to market change and stock unsold. We guarantee the safe arrival of articles shipped in apparent good condition at your Post Office or Express Station. If any article arrives in poor condition, it may be returned to us at once and we will immediately refill order, or, if unable to furnish article at the time we will enter it for later shipment or refund the money as our customer may desire. Further than that we cannot be responsible. A million satisfied customers testify to our fair dealing. We take pride in filling every order, large or small with the utmost care. For general directions and conditions see below.

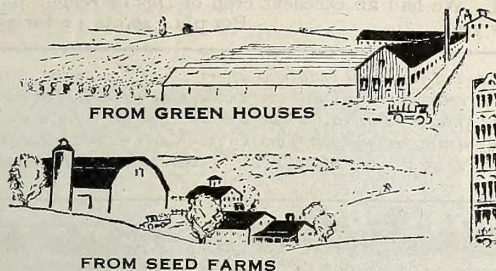
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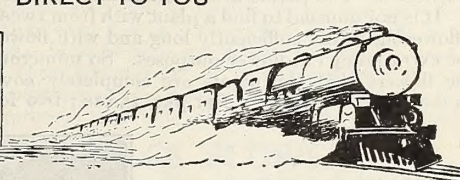
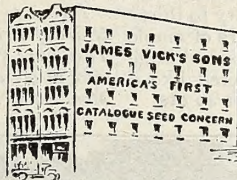
OUR SEVENTY-FIFTH ANNIVERSARY NEXT YEAR

Last year we invited our oldest friends and customers to write us personal letters of reminiscences and experiences of the past to help us fittingly to celebrate our seventy-fifth anniversary, which will occur next year. We received some delightfully interesting replies. There are probably others of you who would like to write us briefly, and we shall be glad to hear from you. We want to publish just as many of these letters in our Special Anniversary Edition as limited space will permit.



VICK QUALITY SEEDS

DIRECT TO YOU



General Directions To Customers

CONVENIENCE IN ORDERING

Remember, at the prices named in this catalogue we send Seeds, Bulbs and Plants to any part of the United States, postage or express prepaid, unless otherwise stated. No inconvenience or delay. Simply fill out our order blank carefully, giving full post-office address and the name of the nearest express station, and enclose your remittance. Your order if correctly priced and if supply remains unsold will be filled promptly and with our best quality stock. We guarantee its safe arrival at your express or post-office address.

SAFETY IN SENDING MONEY

Money may be sent at our Risk and Expense if forwarded according to any of the following methods:

1. Post-office Money Order, which is the most popular way.
2. Express Money Order.
3. Bank Draft.
4. Certified Check.
5. Registered Letter.

While we assume responsibility for the above forms of remittances only, it is becoming safer each year to enclose currency, if carefully wrapped. Personal checks are a great convenience, but checks not certified sometimes cause delay until their worth can be established.

As to our responsibility, ask any banker or business man who

has access to Dun's or Bradstreet's commercial reports. It is just as easy and safe to order of us as if you lived next door.

REMEMBER

1. If you have occasion to refer to a previous order, placed with us, be sure to mention the post-office from which the order was mailed, and give the same name as in the first order.
2. On account of risk from cold weather, orders for plants will be held until about April 1st. In case they are wanted at an earlier date, mention that fact and they will be shipped accordingly, in which case, however, we do not assume responsibility for damage from cold weather.
3. Unless otherwise instructed, we will ship the best and cheapest way, whether by mail or express. Therefore, you should mention both your post-office address and express station.
4. We do not pay export duties. No Plants or Bulbs sent C. O. D.
5. Customers ordering seeds by express or freight should promptly advise us in case of delay or overcharges on shipments or other similar matters. Very frequently we are able to adjust matters entirely satisfactory to all concerned. Our services are always at your command.

VICK'S CERISE
ROCHESTER
ASTER

SOME OF OUR NEWEST AND BEST ASTERS

See Front Cover for Pictures in Color.

We have specialized in Asters longer than any other American seedsmen and have introduced more new distinct varieties than all others combined. A few of our newer kinds are shown below. Four of them are pictured in color on the cover. We think that this cover is one of the most beautiful we have ever had but friends who have grown our Asters will agree with us that no picture however perfect can adequately represent the marvelous beauty and coloring of these wonderful flowers.

CERISE ROCHESTER

This Aster, of recent introduction, is illustrated in color on our front cover, but the picture does not do justice to it. The flower itself has much more brightness and snap to it than any picture can show. The color is very distinct and unique, being a beautiful soft glowing shade which flower lovers greatly admire. It is a perfect Rochester type with great shaggy flowers borne on long stems. It's charming color and handsome form make it unexcelled either for outdoor showing or for cut flower displays. The beautiful artistic coloring deepens somewhat with age.

Per Packet, 25 cents; 2 for 40 cents.

Other Rochester Asters are on Pages 54 and 55

VICK'S SILVERY PINK

Since this variety was introduced, its popularity has increased enormously. The color is a deep glowing pink with a distinct silvery sheen caused by minute almost indistinguishable white lines running lengthwise of the petals. The effect is indescribably beautiful. We had an excellent crop of this extremely popular kind this year.

Per pkt., 20 cts.; 2 for 35 cts.

VICK'S PEERLESS YELLOW

Without a doubt the most satisfactory yellow yet produced. While not as striking as its more brilliantly colored cousins its delicate hue of pure sulphur yellow, endears it at once to every true lover of beauty. The flowers are large and remarkably full and ball shaped, with centers deeply covered with curled and twisted florets. The plants are of branching type and very vigorous. It is not unusual to find a plant with from twenty to thirty good flowering stems sufficiently long and with flowers of ample size for extra fancy cut flower purposes. So numerous and large are the flowers that the plants are completely covered like a golden dome.

Per pkt. 25 cts.; two for 40 cts.

VICK'S NEW BRANCHING DAYBREAK

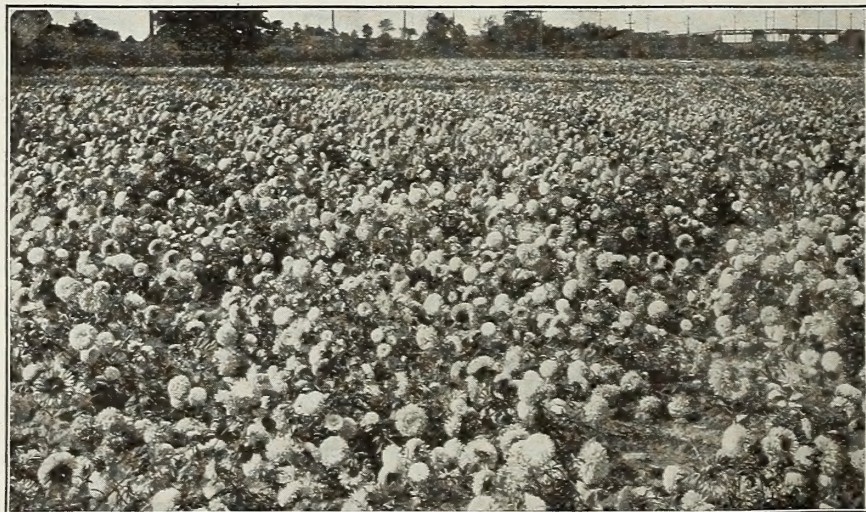
The well-known Giant Day Break flower now produced on a branching type of plant. The color shown on the cover is a little too deep to represent accurately this beautiful flower. It is an extremely delicate shade of flesh pink and most artistic in effect. Very little seed this first year.

Per Packet, 50 cents.

McBrides, Mich., Feb., 18, 1922.

Our last year's bed of Asters were surely a beautiful sight to behold. The Heart of France were in the heart of our bed and many, many cars stopped to admire them.

Mrs. D. M. Keck.



A PICTURE OF ONE OF OUR ASTER FIELDS TAKEN LAST SUMMER

The above varieties and our other Asters shown on pages 49 to 57 represent the worlds standard of excellence

HEART OF FRANCE

The most popular Aster we have ever sold

The first pure red Aster ever produced. All others prior to its introduction had somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing, now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. The flowers are large and full with never a trace of a hollow center. The plants are of branching type and very robust habit. The stems are long and strong and have very few laterals.

Per Packet, 20 cts.; 2 for 35 cts.

HEART OF ROCHESTER NEW LAST YEAR

This new Rochester Aster with Heart of France color was introduced for the first time last year, but the demand for seed was so great that we did not have enough to go around. We have harvested a larger crop this year and hope to be able to supply all who want it. It is only necessary to say that Heart of Rochester has exactly the same color as the well known and well loved Heart of France to bring it into instant favor with thousands of Aster enthusiasts. The flowers are of the true Rochester type with a mass of long, narrow, twisted petals characteristic of this beautiful and artistic class.

Per Packet, 35 cts.; 2 for 60 cts.



HEART
OF
FRANCE

OTHER FLOWERS OF SPECIAL INTEREST

Not all the varieties which we describe below are new or so-called "novelties", but we call special attention to them here because each has such distinctive merit and interest that we want all of our friends to become acquainted with them. Most of them are pictured in natural color on the inside back cover. These pictures are all reproduced from photographs which we took last summer of specimens from our own fields and trial grounds and they represent very well just how the flowers actually look.

BLUE LACE FLOWER

(*Didiscus Coeruleus*)

Illustrated in Color on Inside Back Cover.

The Blue Lace Flower was originally brought to America from Australia and is becoming extremely popular. The color is the most beautiful shade of clear sky-blue that one can imagine. The umbrella-shaped clusters of flowers often measuring two or three inches across, are borne in great number on vigorous growing plants two or two and half feet high. The stems are unusually long and are excellent for cut flowers. They grow so easily and are so very satisfactory that no garden should be without them.

Per Packet, 25 cts.

NIGELLA

Love-in-a-Mist

This quaint and charming Annual should be known by every flower lover. Our new strain is a beautiful clear sky-blue color. The flowers are enveloped with a feathery mass of finely cut foliage suggesting the name "Love in a Mist". The stems are long, making them very desirable for cut flowers. As the flowers mature and the petals drop, curious and decorative reddish brown seed pods are formed tipped with horns suggesting the name "Devil in a Bush" which is one of the common names by which this flower is known. Both the flower and the seed pod are shown in natural color on the inside back cover. Plants grow twelve to eighteen inches high.

Per Packet, 10 cents.



BLUE LACE FLOWER

Other Annual Flower Seeds are on pages 59 to 78; Perennial Flower Seeds and Plants commence on page 79



Dahlia Flowered Zinnia

DAHLIA FLOWERED ZINNIA

Illustrated in color on inside back cover

This new Dahlia Flowered type of Zinnia is one of the greatest improvements in the development of the Zinnias yet produced. The blossoms are the largest we have ever seen in Zinnias and are very full and double, but best of all they are far more graceful and artistic than most Zinnias, being quite similar in shape to the Decorative type of Dahlias. The colors are the most delicate and refined that have yet been developed in this type of flower. Our mixture includes not only all the ordinary shades but many unusual ones not found in any other class. Packet, 20 cts; 3 for 50 cts.

Other Zinnias on page 77

VICK'S ENCHANTRESS CANTERBURY BELL

An Old Favorite in a New Color

A brand new color in a Canterbury Bell developed on our Greenhouse farm. The color is very distinct being the same attractive glowing pink shade found in our famous Pink Enchantress Aster and Enchantress Carnation. The flowers are beautiful, bell-shaped and are borne in great profusion. The plants we offer will blossom the first year. They are perfectly hardy and will blossom a second year and often a third. Plants grow to a height of two to three feet and are very decorative in the hardy border and make charming cut flowers. Offered in plants only. Each 35 cts.; doz., \$3.50.

Other Campanulas on pages 80 and 85.

CARNATION AND PEONY FLOWERED POPPIES

Two Beautiful Annual Varieties; See inside back cover

Our fields of Poppies on our farms always excite a great deal of admiration and we are proud of the strains of seed we have developed. The Peony and Carnation Flowered varieties are especially interesting. The Peony Flowered type has broad petals and the flowers are very full, making it closely resemble a Peony. The Carnation Flowered or Double Fringed Poppy is very artistic and unique in appearance with its finely cut and fringed petals. Colors in both types range from white to pink, carmine, scarlet, crimson and maroon.

Either kind, packet, 10 cents.

Try some plants of our new Enchantress Canterbury Bell, the most charming color yet produced in this old favorite flower

NEW CACTUS FLOWERED ZINNIA

See inside back cover

This new type of Zinnia is very distinctive and is a splendid addition to this very popular and easily grown annual. The illustration on the inside back cover gives a very good idea just how the flowers look. The petals, especially when they start to open, are very distinctly quilled, the inside petals always being of a lighter color than the outside and the edges of all the petals being of the lighter shade, making a very pleasing and unique effect. In general appearance it somewhat resembles the Cactus Flowered Dahlia but is much fuller and has many more petals. The flowers are unusually large, being greater in diameter than any other Zinnia with the exception of the Dahlia Flowered Zinnia.

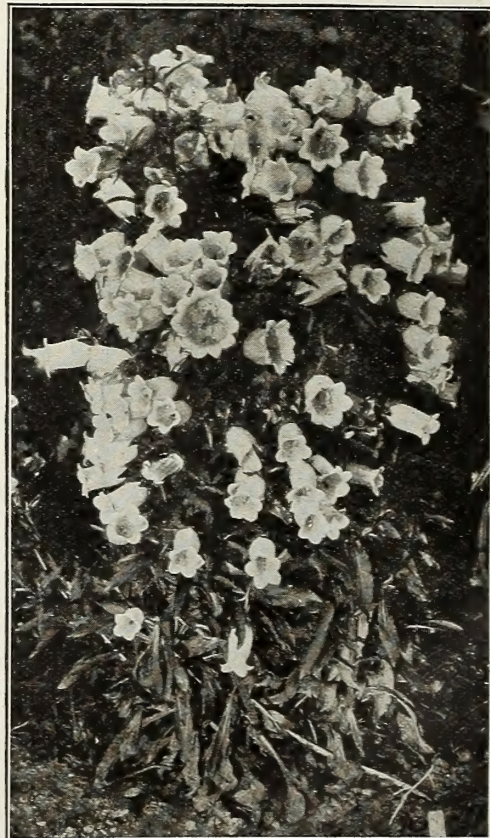
Packet, 25 cents.

KLONDYKE The Yellow Cosmos

A welcome addition to the list of colors in Cosmos. Beautiful, large, golden yellow flowers borne on long stems, often measuring from two and one-half to three inches across. Klondyke requires a longer season than our regular strain of Cosmos and should be started in the house in order to make sure of having blossoms before frost in the fall.

Packet, 10 cents.

Other Cosmos on page 62.



NEW CANTERBURY BELL ENCHANTRESS

A PAGE OF VEGETABLE SEED SPECIALTIES

See Inside Front Cover For Pictures In Color.

As you read this page turn to the inside front cover to see pictures in natural color of the vegetables shown. They are all varieties which have proved their merit for many years and which we consider the unquestioned leaders in their respective classes. We have developed strains of each which we believe cannot be surpassed. These are only a few of our specialties but will give you an idea what you will find on other pages of this catalogue.

VICK'S SCARLET GLOBE RADISH

This variety was introduced by us many years ago and has been steadily improved until now it is considered the standard Radish for every purpose. Handsome in form and color. The flesh is crisp, tender, mild and juicy. Our stock is the most uniform we have ever seen.

Per Packet, 10 cents; oz., 25 cents; $\frac{1}{4}$ lb., 50 cents; lb., \$1.25, postpaid.

Other Radishes On Page 36.

THE THREE LEADING CARROTS

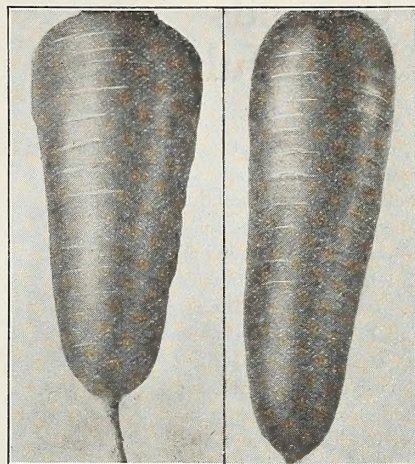
Per Packet, 10 cents; oz., 20 cents; $\frac{1}{4}$ lb., 40 cents; lb., \$1.00, postpaid.

CHANTENAY. We sell more of this variety than any other, both for home garden use and for the market grower. Chantenay and Danvers are similar in shape except that Chantenay has a broader shoulder and tapers a little more sharply than the Danvers type. Our stock is very uniform in quality.

DANVER'S HALF LONG ORANGE. First quality Carrot more popular in some parts of the country than any other variety. It's handsome shape, uniform bright orange color and excellent quality recommend it to either home gardeners or to market growers.

OXHEART. The best mid-season, short rooted variety. It is only about one-half as long as the Danvers and usually grows about two and one-half to three inches in diameter. Can be easily pulled by hand.

Other Carrots On Page 16.



CHANTENAY AND DANVERS CARROTS

TWO LEADING KINDS OF CORN

Per Packet, 10 cents; $\frac{1}{2}$ lb., 20 cents; lb., 35 cents, postpaid

VICK'S GOLDEN NUGGET—THE BEST YELLOW. We have grown Vick's Golden Nugget for many years and it is better now than ever. Thorough trials last summer in competition with other yellow varieties proved Vick's Golden Nugget to be superior to all other varieties, except that Golden Bantam was about ten days earlier. It far surpasses Golden Bantam in size and productiveness and is just as sweet and tender.

VICK'S MORNING DEW—THE BEST EARLY, LARGE, WHITE. Our tests have shown this to be the best early White Sweet Corn of good quality and good size. The ears are practically as large as the late kinds and they mature only a week or ten days later than Golden Bantam.

Other Varieties of Sweet Corn on pages 19 and 20.

VICK'S EARLIANA TOMATO

Our own special strain. This is, without doubt, the finest strain of Earliana Tomato ever produced and has been bred up with a great deal of care. Our crop this year was very uniform in size, shape and earliness and was entirely free from cracks around the stem end. We recommend this variety as the best early variety for either the market gardener or home gardener.

Per pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 45 cts.;

$\frac{1}{4}$ lb., \$1.25; lb., \$4.00 postpaid.

Other Tomatoes on Pages 38 and 39.

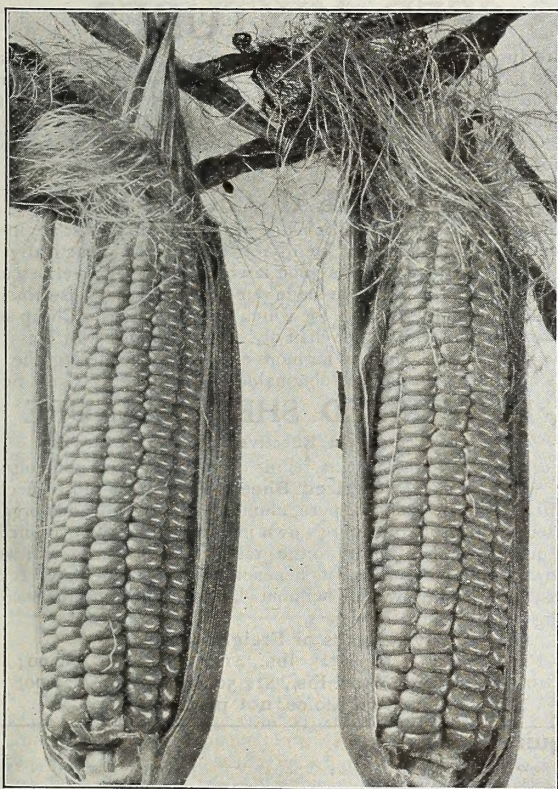
DANVERS YELLOW GLOBE ONION

This is by far the most popular Onion we sell and rightly so, for it embodies almost every desirable characteristic in an Onion. It produces bulbs of usable size, early in the season, is of handsome globular shape with satiny yellow skin, making it extremely attractive in appearance. Flesh is pure white, crisp and tender. Keeps well.

Per pkt., 10 cts.; $\frac{1}{2}$ oz., 20 cts.; oz., 35 cts.

$\frac{1}{4}$ lb., 85 cts.; lb., \$2.25, postpaid.

Other Onions on Pages 30 and 31.

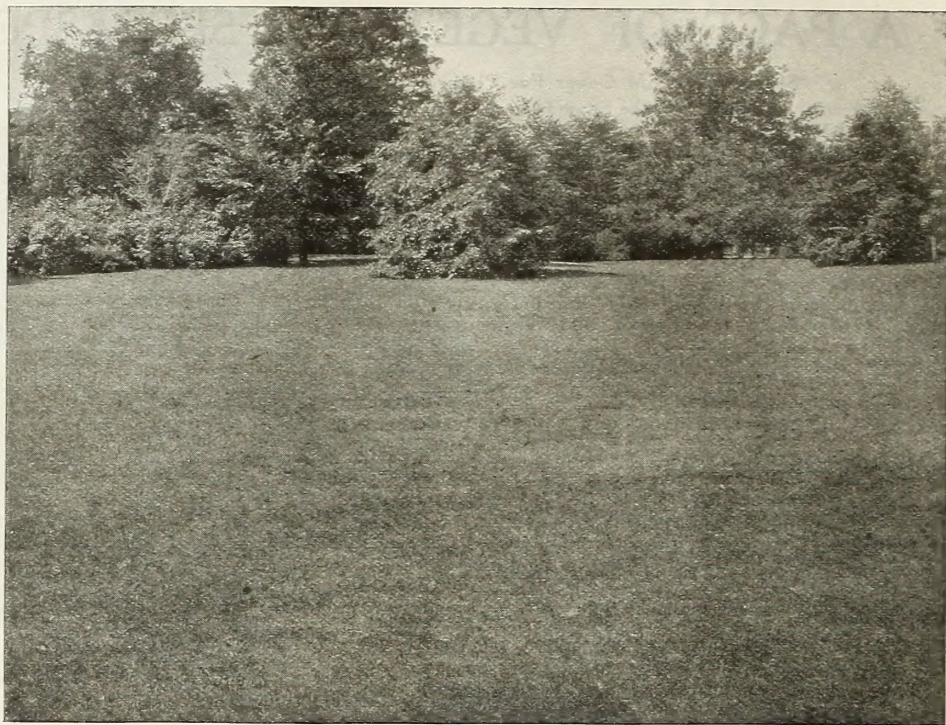


GOLDEN NUGGET & MORNING DEW SWEET CORN

The other two vegetables pictured in color, Detroit Beet and Red Beauty Pop Corn are described on pages 12 and 20

Make Your Home Grounds Beautiful

No residence, no matter how expensive, is really attractive unless the grounds and surroundings are equally beautiful. On the other hand the humblest dwelling can be made wonderfully homelike and attractive in the proper setting. The first essential is a neat smooth green turf. This can only be secured by the use of proper grass seed. Then the careful selection and proper placing of a few Hardy Perennials, Shrubs and Annual flower beds will complete the picture. You will find Hardy Perennials and Shrubs listed in this Catalogue commencing with page 84.



VICK'S FAMOUS GRASS SEED MIXTURES

One of the things in which we have specialized, and of which we are justly proud, is our grass seed mixtures. It takes years of experience and experimenting to know just what grasses are best in various localities and conditions. Below you will find a number of mixtures which have been designed for certain specific purposes and are the best that can be secured for the uses designated. It is possible that you have peculiar problems which require particular treatment. If you have, we shall be very glad to have you write us and we shall be only too pleased to advise you what to do, and arrange to supply special mixtures for your special needs. Remember, whatever your problems are connected with your grounds or garden do not hesitate to write to us. We are here to serve you.

Vick's "Velvet Lawn" GRASS SEED MIXTURE

To make a perfect lawn, good seed is absolutely essential. Vick's "Velvet Lawn" Grass Seed Mixture is composed of several grasses of the highest standard of purity and germination, and unsurpassed by any other mixture, regardless of price. Under ordinary conditions a velvet lawn is absolutely assured in a few weeks after sowing.

Good lawn results can be obtained only by using a mixture of several grasses, because the different varieties are at their best at different times during the spring, summer and fall. Our "Velvet Lawn" Mixture contains the right kinds of grasses in correct proportions, and will produce a thick sod of rich deep green throughout the entire growing season. Only the highest grades of seed are used.

Do not mix Timothy or any other grasses with our "Velvet Lawn" Mixture. It is correctly proportioned for nearly all situations and conditions of soil, and will give you entire satisfaction. Vick's "Velvet Lawn" Grass weighs twenty pounds per bushel and will go fully twice as far as any of the ordinary mixtures of fourteen pounds per bushel we have ever seen.

½ pound, 25 cents; pound, 45 cents, prepaid.
Not prepaid, five pounds, \$1.85; 10 pounds, \$3.50; 20 pounds, \$6.50.

AVOID CHEAP GRASS SEED

Grass seed mixtures can be made up to sell for almost any price depending on the kind and quality of seed used. Practically all the grasses best suited for a good lawn are this year very scarce and high priced. We have made our prices as low as is possible for the high quality mixture for which we are famous. Cheap seed contains quantities of either chaff or seed of varieties worthless for a lawn and is consequently far more expensive considering the results obtained than the best obtainable—Vick Quality Grass Seed.

PULVERIZED SHEEP MANURE

The Most Convenient, Effective Fertilizer for Lawns.

For private grounds, lawns, tennis courts, parks and golf courses, you will find our **Pulverized Sheep Manure** a most effective fertilizer. It is a natural, pure, animal fertilizer and adds organic matter to the soil by nature's own method. It may be applied in any quantity without injury to the grass. The first rain will wash it down to the roots, where its beneficial effect is immediate. It can be used on newly sown soil without danger of burning the seed or young seedling.

By Express or Freight Collect.

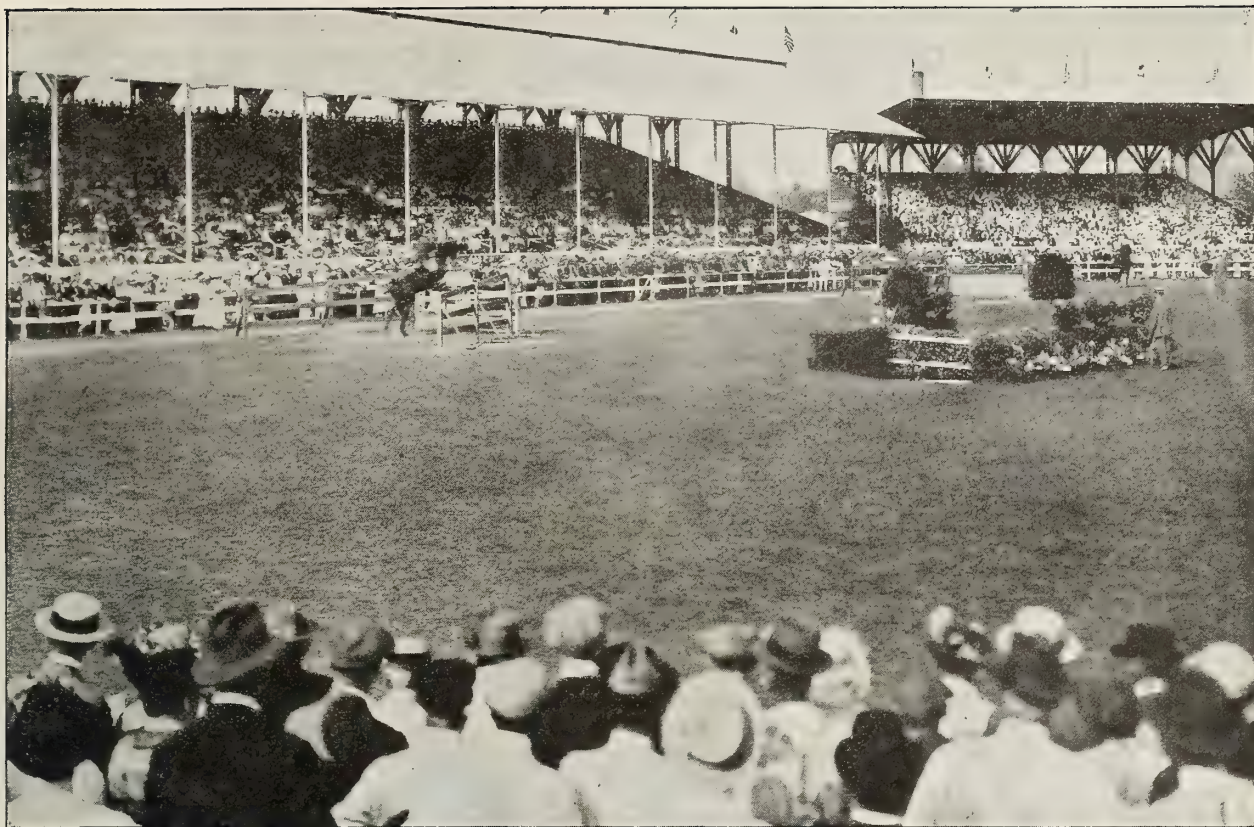
Five lbs., 40 cents; 25 lbs., \$1.25; 50 lbs., \$2.00;
100 lbs., \$3.00; 500 lbs., \$12.50; 1000 lbs., \$21.00;
1 ton, \$40.00, not prepaid.

Quantities of Vick's Lawn Grass Mixture Required:—

For 150 sq. ft. (10 x 15 ft.)	½ lb.	For 5000 sq. ft. (50 x 100 ft.)	16 or 17 lbs.
300 sq. ft. (10 x 30 ft.)	1 lb.	43560 sq. ft. (1 acre)	145 lbs.

The quantities of seed we recommend here are based on average weather conditions and usual soil preparation. With ideal weather and special care in preparation of the seed bed good results can be secured with one third to one half less seed. Follow directions furnished with every package of our grass mixtures.

Select grass seed for your lawn from this and the following page and be assured of good results.



VICK'S "EXPOSITION PARK" GRASS SEED MIXTURE UNDER MOST SEVERE TEST POSSIBLE

7

The Paddock—Rochester Horse Show. One of the largest and best shows of its kind in the country. Here for a week more than 300 of the finest riding and driving horses from all over the country compete for prizes. The sod must be thick and tough to stand the hard usage given it by running and jumping such a large number of horses every day. **Vick's "Exposition Park" Grass Seed** is used exclusively in this Paddock. In spite of the extremely hard usage the shod feet of the horses give it each year, it is always kept in fine condition.

Vick's Exposition Park GRASS SEED MIXTURE

For Any Turf That Has to Stand Any Amount of Hard Usage Without Showing Wear and Tear

Years of experience testing and trying out combinations of different varieties of grasses that will make a thick, firm, elastic, yet smooth turf, one that is deep-rooted and will stay green in both wet and dry weather has given us this Exposition Park Grass Seed Mixture.

This mixture is composed of low-growing, fine-leaved, tough and hardy grasses that will stand the great wear and tear that is required of the turf of Polo Grounds, Baseball Grounds, Croquet Grounds, Bowling Greens, Horse Show Paddocks, Public Parks and Picnic Grounds.

Sow one pound to 300 square feet; 100 pounds to the acre.

$\frac{1}{2}$ Pound, 35 cents; pound, 55 cents, prepaid.

Not prepaid, five pounds, \$2.25; fourteen pounds, \$5.50.

Vick's Shady Spot GRASS SEED MIXTURE

For Any Spot So Shaded That the Ordinary Grass Seed Will Not Grow

No unsightly bare spots under bay windows or trees will be seen if Shady Spot Grass Seed Mixture is used. This is a combination of dwarf growing evergreen grasses especially adapted to securing a good growth in densely shaded locations. As ground that is so closely shaded and poorly drained is frequently "sour," an application of a bushel of slacked lime or land plaster to each 1,000 square feet will sweeten it up wonderfully, and with the help of Vick's Shady Spot Grass Seed Mixture will give you the very best results.

$\frac{1}{2}$ pound, 25 cents; pound, 45 cents, prepaid.

Not prepaid Five pounds, \$1.90; 10 pounds, \$3.60;
20 pounds, \$6.75, not prepaid.

FACTS ABOUT GRASS SEED MIXTURE

The most essential things in making a lawn are good seed and proper soil preparation. On ordinary soil, carefully fitted and well fertilized, and with proper moisture, good seed will grow. The price of lawn grass seed varies greatly according to quality. The cheap seed offered consists mostly of chaff, and if used, the planter will find his grass coming up in patches or very thin. If good seed is planted in a well prepared seed bed, it will come up thick and make a good permanent lawn. Our lawn mixtures are composed of the very highest grades of grasses, as free as possible from all weed seeds and other impurities. Moreover, for our mixtures we use grasses with the highest obtainable percentage of germination. Do not be humbugged with cheap seed; buy the best and have a lawn that will last indefinitely.

Our list of varieties of Annual Flower Seeds begins on page 58, Perennials on page 79. Send in your order early

VICK'S VITAMINE BROWNIES

Let Us Introduce



Mister
Peter Pumpkin
synonymous with Pie



Long lean and
lanky Slim
Jim Salsify

Pompous Pea
who has a right
to boast



Bennie Beet
who wears a
dark red coat

Hardy Perry Parsnip
who stays the
winter through



Red Top Turnip
who's on the job
for you



Sleek smooth
and solemn
Cooley Cucumber



Jim Spinach helps
more ways than
you can number

We are the Vitamine Brownies gay,
We're Nature's loyal aids.
We're found in every vegetable.
Grown from Vick Quality Seeds.

And we're right jolly little sprites,
As you can clearly see,
For we're as full of pep and go
As anyone can be.

We dearly love the children bright,
We set their cheeks aglow
With health and pep and happiness,
And help to make them grow.

For Vitamines are necessary,
As all you people know,
To keep the old folks in good health
And make the young folks grow.

Hereafter never will you need
To take a daily pill,
For if you let us help you now
You never will be ill.

We also are the elfmen gay
Who put the zest and flavor
In every form of vegetable,
Whatever kind you favor.

And always are we liveliest
In vegetables fresh picked,
For Mother Nature thus decrees;
You know her laws are strict.

So have your own home garden please,
'Tis far the wisest plan,
And grow your own fresh Vitamines,
The finest in the land.

One further tip we wish to give,
And that is, always use
Vick Seeds; they grow the finest crops
That e'er the earth produced.

And in the pages following,
Each one of you will find
The vegetables that you like best,
Either old or newer kind.

And if you follow our advice
On every page you'll look,
For you don't want to miss a thing
That's told you in this book.



This mischievous
elfman is
Mister Bobby Bean



Little Reddie Radish
snappy bright
and keen



Here's Sammy Squash
a hard-shelled
chap



Crispy Celery
chuck full
of snap

Courteous Mister
Crookneck, Sammy's
friend you know



Jolly round
and rosy
Tommy Tomato



Roly Poly Onion
so full of pep
and go



Gay Johnnie Corn
who's far from
being slow



Last but not
the least, Curley
the Cabbage sprite

VICK'S VEGETABLE SEEDS



VICK'S ASPARAGUS

Spargel, Ger.; Esparrago, Span.; Sparagio, Ital.

A SPARAGUS, luscious and tender, is about the first fresh table delicacy in the spring. Very popular. Easily grown. As Asparagus seed germinates very slowly, it is advisable, when ready to plant, to pour hot water over it, repeating the process a second time when cool. The seed should be sown quite early in the spring in a bed of light, rich soil, in drills one foot apart and two inches deep. When the plants are well up, thin to about one inch apart. In the fall cut them down and spread well-rotted

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stable manure two inches deep over the bed. Early the next spring, when the plants are about to grow, transplant to the permanent bed. The subsoil of this bed must be well drained. It should be dug to a depth of at least two and one-half feet, and mixed with plenty of well-rotted manure. For private garden use set the plants about a foot apart, with crowns four inches below the surface and roots carefully spread. For field culture the plants should be two feet apart and the rows six feet apart. In autumn, cut away the ripe tops and cover the beds, before winter, with manure. Fork the beds the next spring, being careful not to injure the roots. One ounce of seed will sow a drill fifty feet long. One pound will produce plants sufficient for an acre.

Vick's Mammoth is, without exception, the largest, heaviest and best Asparagus grown. A bunch of twelve stalks will weigh three to four pounds. In size, color and yield, it far surpasses any other variety. The delicacy of its color notably distinguishes it from other green varieties, while its thick stalks are unusually tender and succulent, and of delicious flavor. Packet, 10 cents; oz., 20 cents; $\frac{1}{4}$ lb., 35 cents; lb., \$1.00.

Conover's Colossal. The old standard variety; of large size, rapid growth, and best quality. Packet, 10 cents; oz., 15 cents; $\frac{1}{4}$ lb., 30 cents; lb., 85 cents.

Palmetto. Of Southern origin, but equally adapted to the North. Early, large, productive, and of excellent quality. Packet, 10 cents; oz., 15 cents; $\frac{1}{4}$ lb., 30 cents; lb., 85 cents.



BRUSSELS SPROUTS

Rosenkohl, Ger.; Bretones de Bruselas, Span.; Cavolo di Bruxelles, Ital.

Brussels Sprouts are harder than cabbages, and the "sprouts" or little heads growing along the stem are considered the most delicately flavored vegetables of the entire Cabbage family. Grown in the same manner as winter Cabbage. The late crop is usually the most satisfactory. One ounce seed produces about 1000 plants.

Vick's Improved or Paris Market. Packet, 10 cents ounce, 40 cts.; $\frac{1}{4}$ lb., \$1.25

ARTICHOKE

Artischoke, Ger.
Alcachofa, Span.
Articiocca, Ital.

The Globe Artichoke is cultivated for its flower heads, which are used in an undeveloped state, cooked like Asparagus. Plant seed early in spring, three inches apart, in rows one foot apart. When one year old, transplant to rows three feet apart and one foot apart in the row. Where the winters are severe protect the plants with leaves or dry litter to keep the crowns from freezing.

Green Globe. (Seed). Packet, 10 cents; $\frac{1}{2}$ oz., 45 cents; oz., 75 cents.

No other crop will give more satisfaction than an asparagus bed. Better start one this spring either from seed or roots

VICK'S MAMMOTH ASPARAGUS



Greenwich, N. Y. April 24, 1922,

The asparagus roots were fine and I have them all set out.

Mrs. Lena M. Wade

ASPARAGUS ROOTS

By purchasing plants at least a year of time is saved. The young shoots may be cut for the table the second season. **Vick's Mammoth, Conover's Colossal and Palmetto**, by mail, prepaid, 50 for \$1.00; 100 for \$1.75.

Garden Beans

An indispensable part of every garden.

Bohen, Ger. Habichuela, Span. Faginoli, Ital.

THE Dwarf Beans are earliest and most hardy, as a general rule. In garden culture, Beans are usually planted about two inches deep, in rows eighteen inches apart, and three inches apart in the row; in field culture, in drills two to three feet apart, so as to cultivate with horse one way. Until blossoming season, frequent but shallow cultivation should be given. Seed of the large varieties should be planted with the eye downward. Two pounds of seed will be sufficient for 100 hills of Limas, and 250 to 300 hills of the other varieties, and for about 100 feet of drill. Plant one bushel per acre. Beans should never be worked when they are wet from either dew or rain as it causes rust. They can be planted in succession to within 60 days of frost. Remember, our prices on this page include postage or express to your station. For larger quantities you will find special prices quoted on page 42. Field Beans are shown in the Farm Seed Section on page 44.

Yellow or Wax Pod Bush Beans

Prices on all varieties, on this page, by parcel post prepaid:

Packet, 10 cents; $\frac{1}{4}$ lb., 15 cents; $\frac{1}{2}$ lb., 25 cents; 1 lb., 40 cents.

For lower prices on larger quantities see on page 42.

Rustless Golden Wax. *A strong grower, free from rust,* of remarkable vigor. The pods are meaty and well filled, of fine quality, and stringless. With its fine quality, hardiness, productiveness, and freedom from rust, it is a great improvement over the old-fashioned Golden Wax, and its yielding quality makes it one of the very best for the home garden.

Pencil-Pod Black Wax. Plants, when in bearing, about fifteen inches high, loaded with long, round, handsome, golden yellow pods. Perfectly stringless, brittle, tender and mild in flavor. Two or three days later but better than Prolific Black Wax.

Davis' White Wax Bean. A splendid white seeded bean. To be used either as a snap bean or as a dry shell bean. One of the best varieties for baking.

Prolific Black Wax. An old sort which still retains its popularity. It is very tender, crisp, and of fine quality. It is early, hardy, almost rust proof and very productive; pods long, yellow, round.

Sure-Crop Stringless Wax. An absolutely stringless, rust-proof, wax-pod, bush Bean. Pods seven to seven and a half inches long, about half an inch in diameter, and a beautiful rich yellow color. Plant hardy, extremely prolific, in fact it bears more freely than any other variety of recent introduction. Just the Bean for the family garden. On account of its size it is always a ready seller on the market.

Refugee Wax. One of the very best of the wax-pod sorts. The plants produce an abundance of long, round wax-like pods, perfectly stringless, tender and of the finest quality. In color, the pods are a rich, creamy white. This variety is classed among the early sorts, as it comes into bearing about 40 days after planting and continues to bear for several weeks. It is certainly one of the best Beans for either the home garden or the market. See illustration on page 13.

Brittle Wax. One of the best early varieties. The pods are round and long, often six inches in length, and a rich, golden yellow; stringless and tender. When ripe makes good shell bean.

Wardwell's Kidney Wax. A very popular variety, especially in some localities, because of the large size, handsome appearance and excellent quality of the pods. The pods are flat, broad, and usually five or six inches long of delicate, waxy yellow color, stringless and brittle. Very widely used by Market Gardeners.

Hardy Wax. A splendid, early, round-podded wax bean of recent introduction. It is hardy, entirely stringless, tender brittle and of waxy golden color. The plants are vigorous and exceedingly productive.

Burpee's Kidney Wax. A remarkable new Kidney Wax Bean. Pods measure from six to seven inches in length, half an inch broad and three-eighths of an inch thick, almost straight, very fleshy, brittle, finely flavored and absolutely stringless. The beans and foliage of this variety seem to be immune from disease and it is altogether a splendid bean for any garden.

Pole, or Running Beans

Pole beans well deserve to be used much more largely than they are since they yield much more heavily than the dwarf varieties. They persist in blossoming and bearing an abundance of fresh, tender beans until the vines are killed by frost. They are rather more sensitive to the cold and wet than the dwarf varieties and should be planted later. About the middle of May plant four to six beans around poles eight to ten feet high, setting poles four feet apart each way. Thin to three plants to a pole if the soil is rich.

Packet, 10 cts.; $\frac{1}{4}$ lb., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; 1 lb., 40 cts., postpaid. For lower prices on larger quantities, see page 42.

Early Golden Cluster Wax. Vigorous and very productive; pods enormously large and long, flat, waxy yellow, tender, and of excellent quality. The best of the climbing wax beans and deserves a place in every garden.

Old Homestead (Kentucky Wonder). Earliest of the green Pole Beans and enormously productive. The pods though large, cook tender, and are delicious. A most excellent snap variety.

Scarlet Runner. An old favorite; used both as string and shelled beans. It is an excellent snap variety producing an abundance of large green pods. In addition to its culinary value, Scarlet Runner is useful for ornamental purposes. The strong, rapid growing vines bear brilliant scarlet flowers from early summer until late fall, and may be used to good advantage for training over porches and trellises.

Where space is limited Pole Beans are very desirable because of their remarkable productiveness and long fruiting season.

RUSTLESS
GOLDEN WAX



Green Pod Bush Beans

Pkt., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 40 cts., except as noted. Remember, these are Prepaid Prices. For lower prices on larger quantities, see page 42.

Bountiful. A new Green-Podded Bush variety that has come into prominence in the past few years, owing to its superior quality, earliness and productiveness. One great feature is that while it bears early, its pods remain in an edible condition for a long time. Pods often average 6 in.; one of the very best for market gardeners.

Dwarf Horticultural. A standard New England sort. The pods are medium in length, cylindrical, curved, splashed with bright red on a yellowish ground. The beans are round and speckled. An excellent variety shelled either green or dried.

Extra Early Red Valentine. One of the most popular of the extra early snap beans. Pods round, fleshy, and well filled with beans of excellent quality.

Extra Early Refugee. One of the earliest of the green-podded sorts, about two weeks earlier than Refugee, Thousand and One while retaining all the superior qualities of that variety; straight, tender pods, of fine flavor. Excellent for pickles. It is an enormous yielder. A splendid variety for market gardeners.

Full Measure. A bush variety, popular on account of its wonderful yield and quality. Handsome long green, round pods, of the highest quality and perfectly stringless. It also remains in picking condition many days after maturing, a strong point in its favor, either for market or home garden.

Giant Stringless Green-Pod. This is a distinct cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine, the pods being large, five to six inches in length, unusually crisp, round, full, and fleshy. A little later than Improved Stringless Green Pod.

Keeney's Stringless Refugee. One of the best green podded varieties having all the good points of the old-fashioned Refugee, differing only in the fact that it is perfectly stringless. It forms a strong, rank bush of many branches free from rust. Extremely hardy. Pods are long, round as a pencil; color light gray-green.

Improved Stringless Green Pod. The pods are absolutely stringless, full, fleshy, crisp, very tender, and of the finest flavor, remaining long in edible condition. Ready for the market two weeks earlier than Valentine, and very prolific.

Late Refugee or 1000 to One. Improved strain, for years the most popular late variety for canning in spite of the fact that it is a string bean. It was the most prolific bean in our trials.

Lima Beans Pole, or Running

IMPROVED
STRINGLESS
GREEN POD

Packet, 10 cents; $\frac{1}{4}$ lb., 15 cents; $\frac{1}{2}$ lb., 25 cents; lb., 40 cents., except as noted.

For lower prices on larger quantities see page 42.

Carolina Sieva. By far the best pole lima for Southern territory. Seeds are small, but pods are always plump and well filled. Vines hardy and very prolific.

King of the Garden Lima. A vigorous grower, requiring but two vines to each pole. Begins flowering early, at the bottom of the pole, producing a continuous bloom and fruitage through the season. Pods are large and beans well-formed.

Large White Lima. This old well known sort needs no description. The green beans, are very tender and delicious. If allowed to ripen the shelled beans make excellent eating.

Extra Early Jersey Lima. A splendid early variety earlier than King of the garden and a good sort to plant for succession.

Siebert's Early Lima. An extra early Lima and extremely productive bearing continuously. The beans are large and of good quality.

New Giant Podded Pole Lima. Here is a real leader in the Pole Lima class. It is more robust than the ordinary Lima, bearing its great seven-inch pods in large clusters. It comes in mid-season with such varieties as King of the Garden, but is far superior in every respect to any other Pole Lima with which we are acquainted.

Pkt., 15 cents; $\frac{1}{4}$ lb., 20 cents; $\frac{1}{2}$ lb., 30 cents; lb., 50 cents, postpaid.

Dwarf Bush Lima Beans

Packet 10 cents; $\frac{1}{4}$ lb., 15 cents; $\frac{1}{2}$ lb., 25 cents; lb., 40 cents.

Fordhook Bush Lima. Without doubt the best Dwarf Bush Lima. Earlier than the Pole Limas by ten days. Pods measuring from four to five inches in length, containing four to five large beans of excellent quality. The plants grow to a height of 20 to 30 inches; are strong and bushy, and a rich dark green in color.

Henderson's Bush Lima. Similar to Carolina Sieva but dwarf in habit. This proved to be one of the earliest and most prolific Lima Bean in our trials. The bean is small but plump and well filled. The best Bush Lima for Southern Territory.

True Bush Lima. The bush grows from eighteen to twenty-four inches high, branching freely, bearing many large pods, well filled with delicious buttery beans. Plant in rows three feet apart, and thin to twelve or eighteen inches apart in the row.

Wood's New Prolific Bush Lima. A greatly improved strain of Henderson's Bush Lima, or Dwarf Sieva Bean. Equally as early and prolific, and producing much larger pods and beans. About two weeks earlier than the true Limas; it is very desirable for planting for an early supply, or in latitudes where the true Limas do not succeed well.

I have been raising Lima Beans "for my own use" for over 30 years and your Giant Podded Lima is the finest I have ever seen. Although, they are not ready for use yet, I have measured some of them 7 inches long with 6 large beans.

Tilsonburg, Ont. Canada, Sept. 10, 1922.

W. H. Hogan

Vick's Marvelous Bean shown on page 44 is the finest shell bean we have ever seen. Try some in your garden.



NEW GIANT PODDED POLE LIMA

Vick's Beets

Rube, Ger.

Remolacha, Span.

Barbabetola, Ital.

FOR Beets the soil should be rich, mellow, and deep. Sow as early as the ground can be worked, in drills about one inch deep and in rows about fifteen to eighteen inches apart, dropping the seeds about two inches apart, and pressing the soil firmly over them. When the young plants are two to three inches high, thin to five or six inches. The young plants that are pulled out make delicious "greens," considered by many, superior even to spinach. It is a common practice to plant the seed extra thick to assure an abundance of these tender, fresh plants to use for this purpose. For winter use, the Turnip varieties may be sown the first week in June, and in October the roots can be stored in a cellar, and covered with sand to prevent shriveling; or they may be kept in pits out of doors. One ounce to fifty feet of drill; five pounds to an acre. The prices below are postpaid. Special prices on larger quantities.

Detroit Dark Red.

The demand on us by market gardeners for a special strain of Detroit Dark Red Beet, uniform in shape, and with the dark red flesh so desirable in Beets, made it necessary for us to devote considerable time and effort in selecting and growing a strain that will please the most critical. In color and shape it is unsurpassed. Roots medium in size, globular, and very smooth; skin a dark blood-red; flesh deep bright red, fine-grained, tender and sweet, remaining so long after other varieties become woody. Tops small, admitting of close planting. The standard beet both for market and home gardener.

Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ lb., 40 cents; lb., \$1.00.

The Rochester or Improved Crimson Globe.

A perfect Beet in all respects: brilliant crimson in color, globe-shaped, with a very smooth skin, and an exceedingly small tap-root, fine grained, sweet in flavor, and tender at all times. The foliage is small, admitting of close planting. Not only a market gardener's sort but one of the best for the kitchen garden, as it is extra early.

Packet, 10 cents; ounce, 25 cents; $\frac{1}{4}$ lb., 50 cents; lb., \$1.25.

VICK'S DETROIT DARK RED BEET

Dewey's Improved Early Blood Turnip. Turnip-shaped. smooth, tender, and good Pkt., 5 cts.; ounce. 20 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.00.

Extra Early Egyptian Blood Turnip. A standard sort; ten to twelve days earlier than the old Blood Turnip; fine for forcing and for first early crop out of doors. Roots rich, dark crimson, with very small tap roots; flesh dark blood-red, zoned with lighter shade; crisp, sweet and a desirable and profitable Beet for the market gardener, as well as an exceptionally good variety for the home garden.

Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.25.

Early Eclipse. This variety is exceedingly popular, and is one of the best early sorts. The tops are small, admitting of close planting, and the roots are globular in shape. Flesh fine-grained, very sweet, crisp and tender; dark red, zoned with a lighter shade.

Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.00.

Edmand's Early Blood Turnip. A market gardener's strain; regular in shape, round, with very small tap-root; flesh a deep blood-red, sweet and tender.

Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.00.

Crosby's Egyptian. A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep, blood-red. It is a rapid grower, attaining a usable size quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and extremely satisfactory for the small gardener as well as for the market. Packet, 10 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.25.

Bastian's Early Blood Turnip. Tops small; roots turnip shaped; flesh tender, blood-red color. An extra good medium early variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 40 cts.; pound, \$1.00.

Long Smooth Blood Red. Tops large, with good-sized long roots, tapering, and growing even with the surface; dark red; flesh very sweet and tender, remaining so until spring. A popular winter sort.

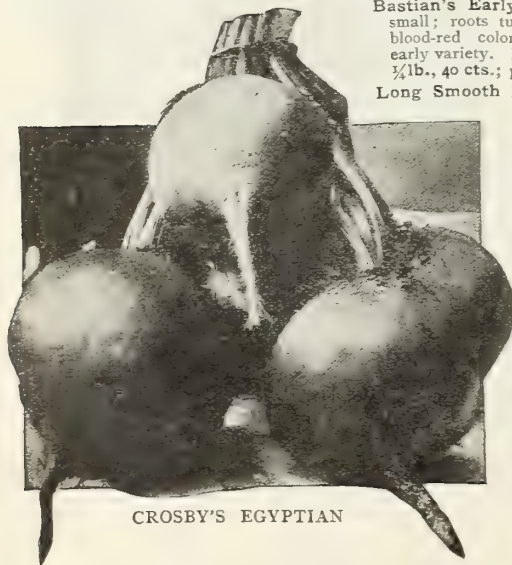
Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.25.

Vick's Early Market. For those who want an extra early variety, here is a good, new kind. Nearly globe-shaped with small tap root; flesh red, fine grained. It is especially recommended for Beet "Greens," being considered by many fully as delicious in flavor and quality as spinach. We have a fair supply this year and the price is very low. Pkt, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.00.

Early Wonder. A deep blood-red beet, nearly globular in shape, with a small, clean tap root and a small sized top. One of the earliest and most uniform bunching beets that can be grown. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. Packet, 5 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.00.

THE
ROCHESTER
BEET

CROSBY'S EGYPTIAN



Elyria, Ohio, January 25, 1922

My husband, who is a most interested gardener, requested me to tell you that he is more than satisfied with Vick's Early Market Beet, which last season kept us supplied with excellent "Greens" from early, until the frost came. The Beets are also fine for canning.

Mr. W. E. Hart;

Mangel Wurzel, for Stock Feeding

Mangel Wurzels are of especial value to the stockman and dairyman. The roots are juicy, sweet and nutritive, act as a mild laxative, and keep the cattle in good health, thus tending to produce flesh and increase the flow of milk. The owner of even one or two cows should grow a sufficient quantity of Mangels to provide fresh food in winter when green food is unobtainable. For field culture the row should be wide enough to admit the horse cultivator, and the roots not nearer than one foot in the row. Sow five or six pounds of seed to the acre. All varieties, ounce, 15 cents; $\frac{1}{4}$ lb. 40 cents; $\frac{1}{2}$ lb., 60 cents; lb., 90 cents, postpaid. For larger quantities, 75 cents per lb., not postpaid.

Sludstrup Barres. This and the following variety, Danish Taaroje, have been worked up under the direction of the Danish Government. As a result of careful selection, they have secured these improved Mangels, which yield a larger tonnage of sugar and other food material than ever before realized from any other variety. Our stock comes from a grower who was granted a First Class Certificate by the Danish government for the high percentage of sugar and solids contained in his crops of these kinds. Sludstrup Barres is the variety to sow on light, deep soil. It is long, reddish yellow, grows well above ground, and is easy to pull.

Danish Taaroje. This is the best variety for heavy or shallow soil. Danish Taaroje has all the good points of Sludstrup Barres, but is more dwarf, ovoid or olive-shaped, and grows more above the surface. In color it is a golden yellow.

Vick's Golden Giant. A Reliable Variety for the Stockman. Very productive. Root of immense size, growing with half its bulk above ground, making it easy to harvest. Root uniform in shape, with a smooth, russet yellow skin flesh white, firm, and sweet.

Vick's Mammoth Long Red. This is truly a mammoth, a single root often weighing twenty to thirty pounds. The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, thirty to forty tons of roots per acre.

Golden Tankard. A distinct variety, particularly valuable on account of its richness in saccharine matter, and highly prized by dairymen for its milk-producing qualities. All stock will thrive on it. The flesh, which is of a distinct, deep yellow, is very sweet and tender. The large roots are oval in shape, and therefore will pull easier.

Giant Half Sugar Rose. An excellent mangel rich in saccharine. Color deep rose. Keeps well.

Kelway's Best of All. One of the best varieties yet produced. Combines all good qualities of Golden Tankard, Danish Sludstrup and Golden Giant. Of good size, and high food value.

Red Globe. Enormously productive, superb quality, color light red.

SUGAR BEETS

When planted for a sugar crop, from six to eight pounds of seed will be required for an acre. Seed may be sown in drills twenty to thirty inches apart. When beets are up two or three inches high, they should be thinned out so as to stand from six to eight inches apart. Discontinue cultivation after formation of roots has commenced. On account of the amount of saccharine contained in the Sugar Beet, it is much relished by stock, and as a fattener it is very desirable.

All varieties, oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; $\frac{1}{2}$ lb., 60 cts. lb., 90 cts., postpaid; larger quantities 75 cts. per lb., not prepaid.

Klein Wanzleben Sugar. Is being cultivated almost exclusively for sugar, on account of its great yield of saccharine matter. It gives good returns in any ordinary soil.

Imperial White Sugar. One of the sweetest and best of Sugar Beets. Very productive and desirable for stock of all kinds.



DWARF GREEN CURLED SCOTCH KALE

If you are fond of greens nothing will suit you better than Swiss Chard. Try some in your garden this season



A FIELD OF GOLDEN TANKARD MANGEL

FOLIAGE BEETS, Swiss Chard

Used for Leaves and Leaf-Stalks Only as "Greens"

Swiss Chard is a delicious vegetable that can be very easily grown. Europeans value it very highly, and it is rapidly growing in favor among Americans. Swiss Chard is used extensively either as greens or in the same manner as Asparagus, when only the rib is eaten. It may also be cooked and eaten like Spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to ten or twelve inches apart and cultivate the same as for the common Red Beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly.

Packet, 10 cents; oz., 35 cents; $\frac{1}{4}$ lb., 75 cents; lb., \$1.50.

Beck's Improved Sea Kale. A variety of Beet with tender leaves, popular for cooking as "greens"; if sown at the same time as the garden Beet it will be fit for greens much earlier. The large leaves may be cut from time to time all summer. The middle of the leaf is cooked and served like Asparagus; the other portions used like Spinach.

Large-Ribbed Scarlet Brazilian. Stems and veins a beautiful crimson color; use the same as Sea Kale also fine for garnishing.

Large-Ribbed Yellow Brazilian. Same as above, except in color, which is golden yellow. Leaves slightly crinkled ribs or leaf stems tender and juicy.

Large-Ribbed Silver. Produce large, light colored leaves thick and tender for use as greens and the stumps are large and crisp and an excellent substitute for Asparagus.

Lucullus or Giant Chard. One of the most popular varieties in the American market. Stalks as thick and broad as Rhubarb, leaves very large and crumpled. A splendid "Spinach" beet. Don't fail to plant "Chard" this spring.

BORECOLE or KALE

A hardy plant of the Cabbage family, of easy culture, extensively grown for greens. Sow seed early in June and transplant. Culture same as for Cabbage. One ounce will sow a drill 300 feet in length.

Packet 10 cents; oz., 35 cents; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Tall Green Curled Scotch. Finely curled; very hardy; one of the best.

Dwarf Green Curled Scotch. Dwarf, beautifully curled, and bright green; hardy, and may be cut from the ground all the early part of winter.

Moss Curled Half-Dwarf. Finely cut, beautifully curled, deep green.

BROCCOLI

White Cape. This is a vegetable very similar to Cauliflower, but hardier and easier grown. Will be found very valuable as a substitute for Cauliflower in the Southern States for very early spring or late fall planting but will not do well during the heat of the summer. Where the falls and winters are mild it is a splendid late crop. Pkt, 15 cents; $\frac{1}{2}$ oz., \$1.75; oz., \$3.00; $\frac{1}{4}$ lb., \$5.00



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VICK'S CABBAGE

Repolio, Span.

Cavolo Capopucci, Ital.

WE WONDER how many of the readers of this catalogue know these facts about cooking Cabbage: First, place the Cabbage sliced properly in boiling salted water. Cook about twenty or twenty-five minutes, not more, uncovered. If you have never tried this plan, you will be surprised how much it adds to the delicious quality, the tenderness, digestibility and the freedom from odor. If the American people in general knew these facts, it would increase the use of Cabbage enormously. Cooked this way, Cabbage is a delicacy fit for the choicest table. Cabbage is grown so easily and may be kept through the winter so readily that a few heads should be in every garden.

Seed of early kinds should be started under glass; the late kinds outdoors, protected from late frosts. When the permanent bed is ready, the plants, which should have at that time about four to six leaves, should be transplanted to the garden; the small, early kinds about eighteen inches apart; the larger varieties in rows three feet apart, two feet apart in the row. About four ounces of seed are required per acre.

To those growing for market we shall be pleased to quote special prices on large lots.

Selected Early Jersey Wakefield. The heads are conical in shape, solid, and compact. The quality is very firm, sweet and tender. Without doubt the most popular extra early variety.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 90 cts.; lb, \$3.00.

20th Century. This variety, introduced by ourselves in 1900, came to us from Denmark, the home of the famous Danish Ballhead Winter Cabbage, and is without exception the earliest round head Cabbage yet introduced. The heads are round, medium sized, and solid as a cannon ball.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 90 c.; lb., \$2.75.

Charleston, or Large Wakefield. A strain of Wakefield in which the heads are much larger and not so pointed; matures about a week later.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.00. lb; \$3.00.

Early Winnigstadt. A distinct second early sort, and an old favorite for general cultivation. Very hardy, and a sure-heading variety. The heads are uniform in size, sharply conical in shape, and very solid. It is especially valuable for early use, but it also makes a good winter crop on account of its solidity, and short, thick leaves.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 85 cts. lb; \$2.25.

All-Head Early. Deep, flat head. Very uniform in size and color. The earliest of all extra large Cabbages. The leaves are compact, thus admitting close planting. A good keeper, desirable for both early fall and winter.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 85 cts. lb; \$2.50.

Improved Early Summer. It is a large-heading, second early variety, nearly round, somewhat flattened, solid and uniform in size, and will keep longer without bursting than most of the early sorts.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 85 cts. lb; \$2.50.

Copenhagen Market. One of the best early Cabbages either for the home garden or for market purposes. Everyone familiar with Cabbage knows the old and popular Danish Ballhead, the best of all the late Cabbages. This new medium early variety, ripening with the Charleston Wakefield, also originated in Denmark, and is as good in its class, as the old favorite Danish Ballhead. The stem is short, the head round and solid. When ready for cutting, Copenhagen Market is the heaviest of the medium early varieties, and if left until fully mature, frequently weighs eight to ten pounds. The leaves are small, compact and close to the head, admitting of close planting. The inside is fine grained, tender, pure white and compact. Either for the home garden or market it is one of the leaders. Keeps well until midwinter.

Best Danish grown, packet, 15 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 60 cts.
 $\frac{1}{4}$ lb., \$1.50. lb; \$4.50.

Glory of Enkhuizen. One of the best second early varieties. Earlier than All Seasons, very solid, nearly round, approaching closely in this respect the new Copenhagen Market, as it does also the hardness and solidity of that variety. It has few outer leaves and can be set closer than other varieties. It is an excellent variety to follow Copenhagen Market.

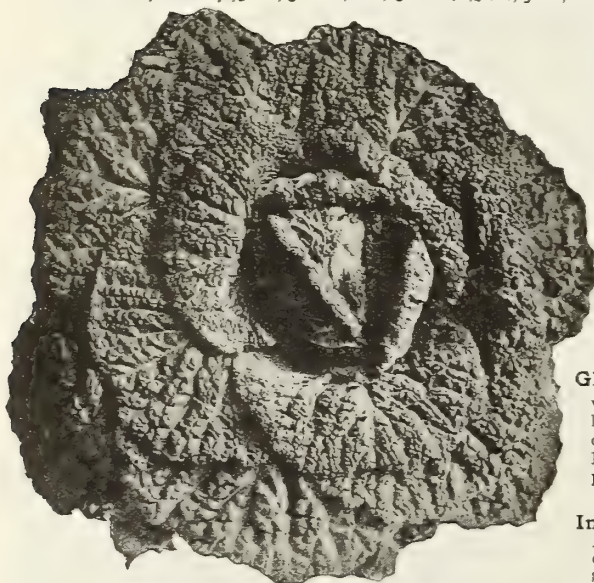
Danish grown, packet, 10 cts.; $\frac{1}{2}$ oz., 35 cts.; oz., 55 cts.; $\frac{1}{4}$ lb., \$1.20. lb; \$3.50.

Improved American Savoy. The Savoy Cabbages deserve to be better known in America. They are superior to other Cabbages for cooking, having greater tenderness and delicacy of flavor. Improved American Savoy is the best of all either for market or kitchen garden, and a reliable header. The heads are large, solid, and possess a fine delicate flavor. The curled and crimped leaves are of a dark rich green color.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 85 cts. lb; \$2.50.

IMPROVED AMERICAN SAVOY

Vick Quality in Cabbage Seed may make all the difference between a crop of cabbage heads and a crop of cabbage leaves



Volga. We consider this a very profitable Cabbage for a fall crop. The heads are extremely solid, large, round as a ball, of uniform size, and do not crack; few outer leaves and a short stem. Not only do our field tests on our own trial grounds prove its worthiness, but many of our customers testify to its value by preferring it to any similar variety.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.00; lb. \$2.75

All Seasons A very superior, sure-heading, long-keeping sort, unsurpassed by any other. The heads are large, nearly round, somewhat flattened, very solid, and of the best quality. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.00; lb. \$3.00

Autumn King or World Beater. Grows to an enormous size, making heads as solid as a rock, and coming uniformly true to type. It can be relied upon to produce a crop of greater weight from the same space of ground than most of the late sorts, having few outer leaves.

Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 85 c.; lb. \$2.25

Louisville Drumhead. A variety grown largely by market gardeners in the Southwest. It stands hot weather better than most sorts, and is a sure cropper.

Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 90 c.; lb. \$2.75

Improved Succession. A popular sort, about ten days later than Early Summer. Heads large, uniform, solid and of excellent quality. Keeps well after cutting.

Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 85 c.; lb. \$2.50

Premium Late Flat Dutch. An old, reliable, and popular Cabbage. It produces large, solid heads of superior quality, keeping in best condition for a long time. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 85 c.; lb. \$2.50

Mammoth Rock Red. This is a fine red Cabbage and a most reliable header. The quality is excellent. The head is extra large, round, very solid and of a deep red color.

Packet, 10 cts.; $\frac{1}{2}$ oz., 35 cts.; oz., 55 cts.; $\frac{1}{4}$ lb., \$1.20 lb. \$3.50

Surehead. One of the best main crop or late varieties, being very hardy, sure heading and of delicious flavor. Heads are large, broad, slightly flat, and very solid. Very tender and sweet. Excellent for the home garden or for field culture.

Packet, 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., 85 c.; lb., \$2.50

Danish Stonehead. Another good reliable red cabbage, "hard as a stone," and a good keeper.

Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.30; lb., \$3.75.

Chinese or Pe-Tsai Cabbage

This is often called Celery Cabbage. It grows rapidly and matures heads in less time than other varieties. Requires no transplanting.

The leaves, when young, are crimped and of a light green color. The plant, as it becomes older, grows more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It has a distinctive flavor, very mild and pleasant. It can be served as a salad like Lettuce or cooked like other Cabbages.

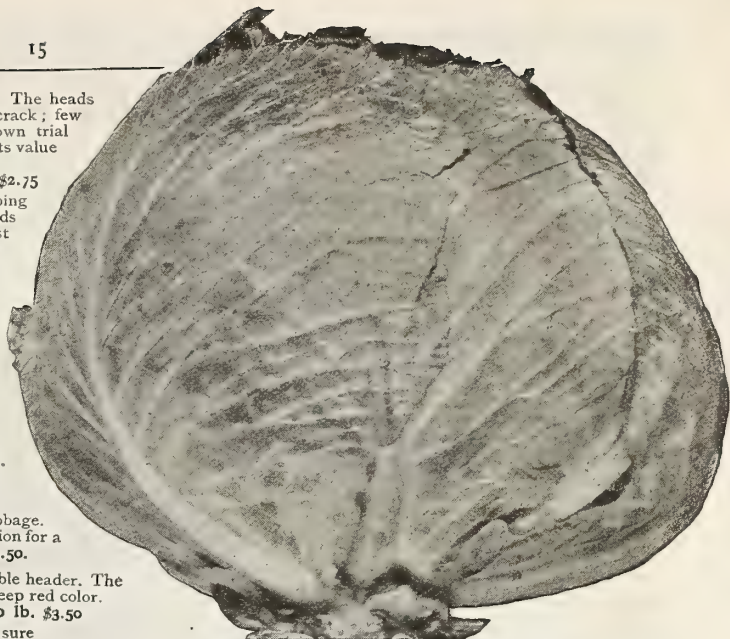
Chinese Cabbage should be sown in this latitude at the same time as Turnips, after the first of July. Early plantings run quickly to seed in hot weather. Sow in drills 14 to 20 inches apart, and thin the seedlings 2 or 3 times, or, if grown for the market, start in boxes and transplant like late Cabbage.

Pkt., 10 cents; $\frac{1}{2}$ oz., 30 cents; oz., 50 cents; $\frac{1}{4}$ lb., 90 c.; lb., \$2.75.



HEAD OF CHINESE CABBAGE CUT OPEN TO SHOW THE CRISP, TENDER, BLANCHED HEART

Red cabbage has been growing in popularity of late because of its attractive color for use in salads and other dishes



VICK'S IMPROVED DANISH BALLHEAD

If you want to make money out of cabbage, plant Vick's Improved Danish Ballhead. It is the most uniformly high quality late variety with which we are acquainted. Our stocks are the best obtainable direct from the most reliable Danish growers.

Vick's Improved Danish Ballhead.

Heads hard, solid tender, and crisp. The leading late sort. Danish Ballhead is more largely grown for market than any other late variety, and without a doubt is the best of the late sorts. It frequently commands a higher price in the market than any other late variety. It is remarkable for the solidity of its heads and long-keeping qualities. The heads are of medium size, measuring from eight to ten inches in diameter, with few outer leaves, admitting of close planting; exceedingly fine-grained, hardest of all, tender, crisp, solid, with no waste heart. Under fair conditions will average six pounds per head.

Packet, 10 cts.; $\frac{1}{2}$ oz., 35 cts.; oz., 50; $\frac{1}{4}$ lb., \$1.00; lb. \$2.75.

Vick's Short-Stemmed Early Danish Ballhead.

A choice strain selected from the famous Danish Ballhead Cabbage, that has become one of the best and most popular sorts both for home and market growing. The heads are very large; as round as balls and as solid as bullets. It is short-stemmed and as strong and vigorous as any American variety. Fully two weeks earlier and will keep and ship as well as Danish Ballhead. Packet, 10 cents; $\frac{1}{2}$ oz., 35 cents; oz., 50 cents; $\frac{1}{4}$ lb., \$1.00; lb. \$2.75

While there are many strains of Danish Cabbage, innumerable tests prove that our stocks are without a superior.

Since we first introduced the old-fashioned strain of Danish Ballhead years ago the variety has been steadily improved. We have sold a good many tons of both Improved Danish Ballhead and Short-Stemmed Early Ballhead, and it is safe to say that in a very large percentage of cases growers have found the use of our seed a money making proposition. Occasionally crops may be large and the prices low, or prices high and crops short, but for the man who grows our strain of Danish Ballhead year after year in a business-like way, not merely once in a while—gambler fashion—there is money in Vick's Danish Ballhead Cabbage.

The Danish Ballheads are particularly adapted to the Northern States, and do not reach perfection in the warm southern climates.

OTHER STANDARD VARIETIES OF CABBAGE

In addition to the varieties described above in detail, we offer the following excellent standard sorts. Early Spring, Early Drumhead, Large Late Drumhead, Pkt., 10c.; $\frac{1}{2}$ oz., 30 c.; 1 oz., 50c.; $\frac{1}{4}$ lb., 85 c.; lb. \$2.25.

Exeter, Maine, Oct., 30, 1922.

We have decided to order all our necessary supply of garden seeds, etc. from you. We are convinced that no other seed company is more reliable or so sure of selling true to name as yours.

Miss Celia F. Tibbetts

Corry Pa., May 18, 1922

I have found all the seeds I got from you clean, fresh and fertile. Therefore, I am a satisfied customer and you will hear from me again.

John Keim

VICK'S CARROTS

(See illustrations in color
on inside front cover)

MODERN cooking methods furnish numerous recipes in which Carrots are a most delicious dish. Creamed, alone, or in combination with Peas or other vegetables, they meet the approval of the most epicurean taste. They are used extensively in the best restaurants. For home use they are deservedly increasing in popular favor, not only as a table delicacy, but because of their high food value. For stock feeding the nutritive value of Carrots surpasses most other vegetables. Every stock owner should plant at least a small acreage of Carrots to supplement his fodder ration next winter to take the place of grain. In proportion to other costs they furnish very cheap food. Sow in drills one-half inch deep, one ounce for 100 feet; three to four pounds per acre.

Earliest French Forcing. The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. It is also one of the best sorts for the table; delicate, fine grained, and remarkably fine flavored. It is used by leading gardeners for bunching for early market.

Root orange-red. Top very small.
Packet, 10 cents; ounce, 20 cents;
¼ pound, 45 cents; pound, \$1.25.

Early Scarlet Horn. This is a favorite for the early crop. It is not large, and is sold extensively in all markets bunching. The tops are small; roots top-shaped, stump-rooted, therefore easily pulled. Grows well in shallow soil.

Packet, 10 cents; ounce, 20 cents;
¼ pound, 40 cents; pound, \$1.10.

Half - long Nantes Stump-rooted. Of medium size, admirably adapted for bunching, and one of the best for summer use in the home garden. Roots about six inches long, very smooth and cylindrical, with no core; very sweet and tender.

Packet, 10 cents; ounce, 20 cents;
¼ pound, 40 cents; pound, \$1.10.

Chantenay Stump-rooted. One of the best early Carrots in cultivation. In shape it is midway between the Half-Long Nantes Stump-Rooted and the Guerande or Oxheart varieties, nearly equaling the former in length, and having the broad shoulder and tapering root of the latter. Its color is orange-red; the flesh crisp and tender. Early and a heavy cropper. A Carrot which market gardeners should plant as a main crop.

Packet, 10 cents; ounce, 20 cents;
¼ pound, 40 cents; pound, \$1.00.

Guerande or Oxheart. This variety has given great satisfaction. While not attaining one-half the length of many other varieties it will compare favorably in bulk of crop, as on good land it will produce Carrots from 2½ to 3 inches in diameter. The crop can be pulled by hand. Excellent for table use, as well as for stock. Roots are about six inches long, smooth and cylindrical; no core; sweet and tender.

Packet, 10 cents; ounce, 20 cents;
¼ pound, 40 cents; pound, 90 cts.

Danvers Half-Long Orange. A first-class variety; flesh dark orange. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp and tender. A great favorite with market gardeners; also valuable for a field crop.

Packet, 10 cents; ounce, 20 cents;
¼ pound, 40 cents; pound, \$1.00.

St. Valery Intermediate. One of the best and handsomest main-crop Carrots. The roots are symmetrical, tapering regularly from the shoulder to tip, smooth, and free from side roots. Enormously productive. Very desirable for private gardens, as well as for market.

Packet, 10 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, \$1.00.

Improved Long Orange. It grows to a large size, some specimens measuring twelve inches in length. Enormous crops can be grown under fair culture. One of the best varieties for feeding stock.

Packet, 5 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, \$1.00.

Improved Short White (Vosges). For a field Carrot this is unequalled. The roots are short, very heavy at the shoulder, tapering to a point, and therefore easily harvested. Especially suited to shallow soils.

Packet, 5 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, \$1.00.

Belgian Carrots. The great stock-feeding Carrots of Europe. Grow to a large size. Very productive. Orange Belgian, White Belgian, each, Packet, 5 cents; ounce, 20 cents; ¼ pound, 40 cents; pound, \$1.00.

CIVES OR CHIVES

These are very hardy perennial plants, belonging to the Onion family. They are grown exclusively for their tops, which are used for giving mild onion-like flavor to soups, stews, etc. Planted in clumps in any good garden soil, they grow readily, and increase with such rapidity that they can be subdivided frequently. The tops appear very early in spring, and can be cut throughout the season.

Roots, per bunch, 25 cents.

CORN SALAD, Fetticus

A favorite salad plant in Europe, used in winter and spring as a substitute for Lettuce. The leaves are sometimes boiled and served as Spinach. It is hardy and quick-growing. Sown in August and September, in drills one foot apart, and protected with a few leaves or straw during winter, it can be gathered very early in spring. Sown in April it is soon fit for use. The soil for Corn Salad should be very rich. Sow two ounces to 100 feet of drill.

Packet, 10 cents; oz., 25 cents;
¼ pound, 60 cents; lb. \$1.50.

CRESS, Peppergrass

Cress or Peppergrass may be used to excellent advantage for salads, garnishing, or as an addition to winter Lettuce and other salad plants, to which it gives a pungent relish. It should be sown in a hotbed or in a sheltered spot in the garden, quite thickly and in shallow drills. The rows, under glass, should be three to six inches apart; in open ground, one foot apart. Cress matures very rapidly and, since it is useful only when young, a fresh lot should be sown every week. May be planted in pots and boxes and grown in a sunny window. Leaves may be chopped off as desired.

Packet, 10 cts.; oz., 25 cts.; lb., \$1.50, except where noted.

Fine Curled. Rapid growing, dwarf and compact. The leaves are crisp, pungent, finely cut and ornamental, and are excellent either as a condiment or for garnishing. Will bear cutting several times.

Broad-Leaved Garden. One of the best for upland culture, better than mustard as greens and a good flavoring for soups.

Australian. Leaves delicate green; flavor mild and fine. Good winter salad.

Water. Highly esteemed for salads and garnishing. Does well without care in mucky situations, or on the edge of streams, in shallow water. Perfectly hardy. Packet, 10 cents; oz., 50 cents.

DANDELION

Sow as early in spring as the weather will permit, in well-enriched soil, in rows eighteen inches apart, covering the seed one-fourth of an inch deep. Thin the plants to twelve inches apart. Keep clear of weeds, and the following spring the leaves will be fit to cut. One ounce is sufficient for 100 feet of drill.

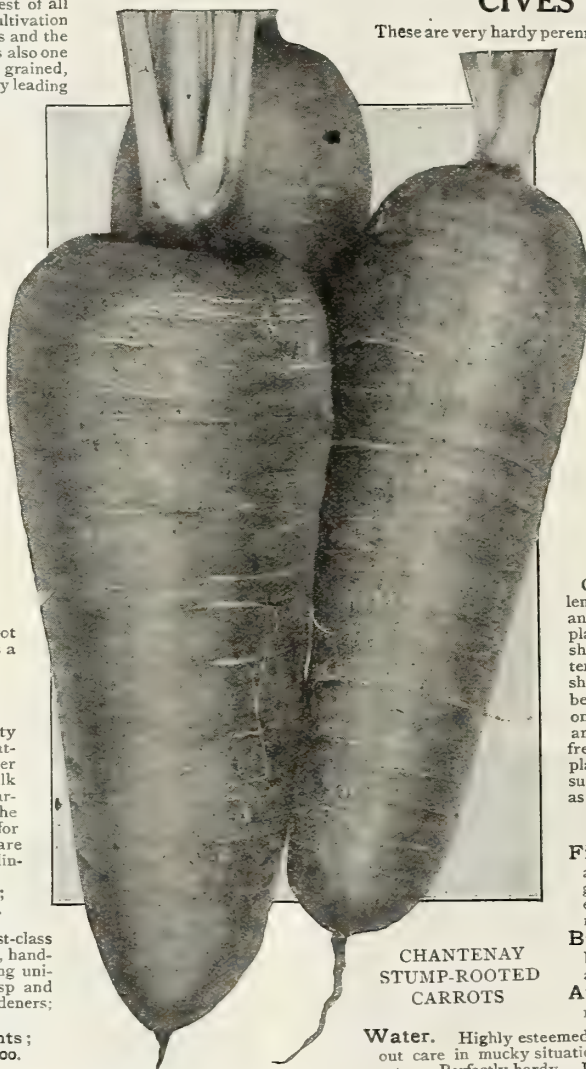
Improved Thick-Leaved. This variety is considered one of the best for spring "greens." Packet, 10 cents; oz., 75 cents. Common. Packet, 10 cents; oz., 50 cents.

Watervliet, N. Y., April 24, 1922.

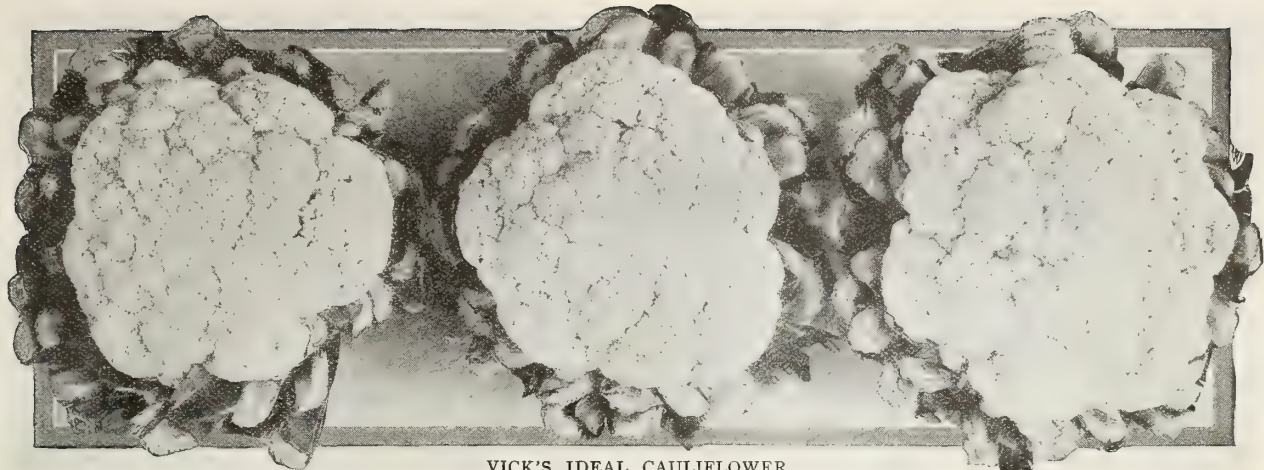
This is to let you know I am pleased with the seeds. My order arrived, it is O. K., the best lot of seed I have seen in a long time.

Wm. Moulton.

Be sure to grow plenty of carrots in your garden and have them fresh for the table, crisp, sweet and tender.



CHANTENAY
STUMP-ROOTED
CARROTS



VICK'S IDEAL CAULIFLOWER

VICK'S CAULIFLOWER

17

WHAT VEGETABLE dish is more delicious or dainty than fresh, tender Cauliflower especially of the highly developed varieties listed below? To our mind nothing surpasses the appetizing quality of this increasingly popular food. Cauliflower is as easy to grow as Cabbage and in many respects much more interesting. How many of our readers know that the Cauliflower heads when ready for market are merely the flowering buds out of which, if the plants were allowed to grow, long branching seed stems would develop? Sow seed for earliest crops in pans, boxes or hot bed in February or March according to latitude. If possible, transplant at least once before setting in the open ground. Set plants in rows at least eighteen inches apart in rich loamy soil. One ounce should produce about 3,000 plants.

Vick's Ideal. This variety has exactly the qualities that make it the leading kind for market or private use. It is one of the earliest, as well as being an invariably sure leader forming large, pure white, solid heads of finest quality even under unfavorable conditions. Packet, 20 cts; $\frac{1}{4}$ oz., 90 cts.; oz., \$2.75.

Early Snowball. Next to Vick's Ideal we can recommend surest heading varieties. Its dwarf habit and short outer leaves allow it to be planted very close—eighteen to twenty inches apart. It is well adapted for forcing under glass throughout the winter and spring. It gives a pure snow-white, medium-sized head. Packet, 20 cents; $\frac{1}{4}$ ounce, 90 cts.; oz., \$2.75.

Danish Perfection One of the best early varieties, much like Snowball, but a week later. Has an abundance of outer leaves making it especially easy to blanch. No leaves protrude through head.

Pkt., 20 cts.; $\frac{1}{4}$ oz., 90 cts.; oz., \$2.75.

Erfurt Earliest Dwarf. This variety will stand the test with any extra early sort. It is very dwarf in habit, producing pure white heads of great solidity and finest quality; quite desirable for forcing or for planting in open ground. For a general all-round market garden variety we highly recommend the Erfurt strain.

Packet, 20 cents; $\frac{1}{4}$ oz., 90 cts.; oz., \$2.75.

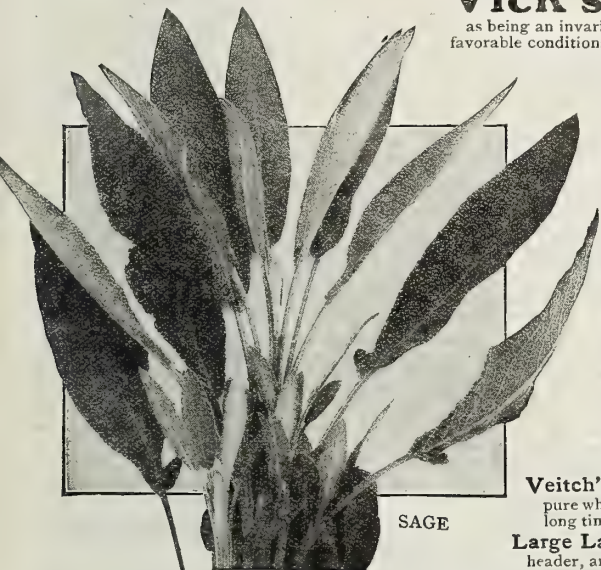
Vick's Danish Giant (Dry Weather). Its main feature is the fact that it will stand an unusual amount of dry or warm weather and still produce perfect, large, solid heads. In districts where heretofore it has been impossible to grow Cauliflower, this fine variety has proven a success. It is ready for market or table about a week later than Erfurt Earliest Dwarf.

Packet, 20 cents; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Early Paris, or Nonpareil. This is a well known standard French variety, producing very early, good-sized, pure white heads, which are tender and delicious. Packet, 10 cts.; $\frac{1}{4}$ oz., 50 cts.; oz., \$1.50.

Veitch's Autumn Giant. A distinct and valuable late variety, producing large heads, pure white, firm and compact. Being thoroughly protected by the foliage the head remains a long time fresh and fit for use. Packet, 10 cents; $\frac{1}{4}$ oz., 35 cents; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

Large Late Algiers. One of the best late sorts. Grown largely for fall use. It is a sure header, and endures without injury, a freeze that would materially affect other sorts. Packet, 10 cents; $\frac{1}{2}$ oz. 65 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.



SAGE

USEFUL HERBS

Each, per packet, 10 cents.

Why not utilize the corners for a few Pot and Sweet herbs? They thrive best in a rich, mellow soil. Sow the seed early in spring in shallow drills, one foot apart; when up two or three inches transplant. The leaves and stems may be used for flavoring during the summer and dried for winter use. Gather the herbs on a dry day, just before they have come into full blossom. Tie in bunches and hang them where they dry quickly. Items starred (*) are perennial.

Anise, for garnishing and flavoring.
Basil, Sweet, for flavoring soups, etc.
Borage, leaves used as salad and flavoring.
*Caraway, seeds used in liquors and bread.
*Catnip, has medicinal qualities.
*Coriander, seeds aromatic. (For confectionery and culinary purposes.)
Dill, seeds used for flavoring pickles.
*Fennel, Large Sweet, for flavoring.
*Lavender, (Spica) medicinal.
*Marjoram, Sweet, for flavoring.
*Rue, medicinal.
Saffron, medicinal, also for dyeing.

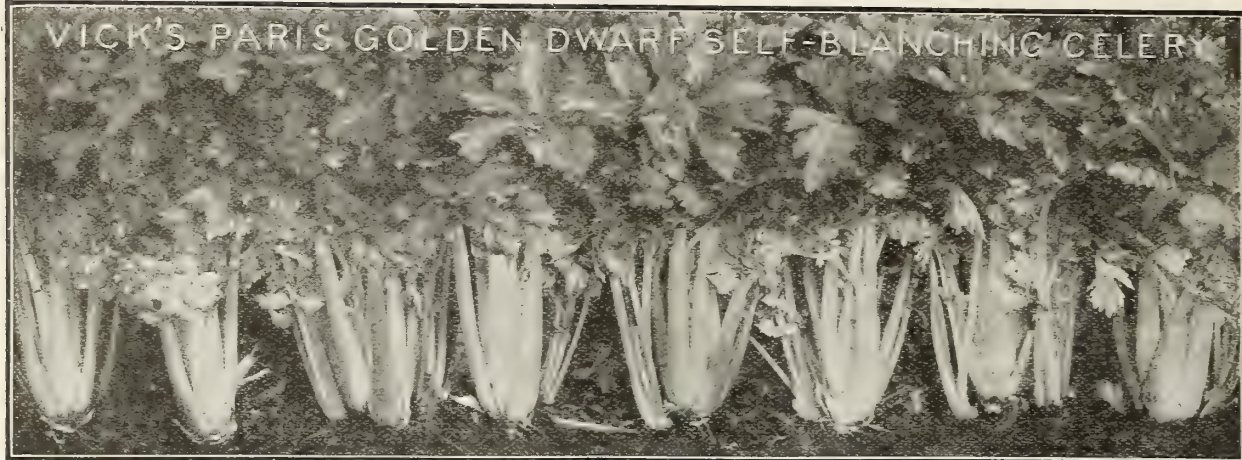
*Sage, culinary and medicinal.
Savory, Summer, culinary herbs.
Savory, Winter, culinary herbs.
Sorrel, French, cooked like spinach.
*Thyme, medicinal and culinary.
Thyme, Broad-Leaved, or Winter.
Thyme, Summer.
*Wormwood, medicinal.
Lavender Roots, by mail, each, 25 cts.; doz., \$2.50.
Sage Roots, by mail, each, 15 cents.; doz., \$1.50.



EARLY SNOWBALL

(Much reduced in size compared with picture above.)

ry raising Cauliflower this year. By following directions anyone can supply himself from his garden with this delicious vegetable



VICK'S CELERY

IF YOU WANT first class Celery with all it's original rich nutty flavor and tenderness, grow it yourself and have it fresh and crisp out of your own garden. Celery is not hard to grow and even the amateur can secure very satisfactory results especially with the improved varieties shown below. It will thrive in any rich, mellow soil with proper care. Sow seed in an open seed bed as early as soil can be worked, or in the house or hot bed in March for early plants. As plants grow, thin and transplant at least once and finally, set into rich, thoroughly prepared soil. Full cultural directions on the back of each packet. One ounce of seed will produce four to five thousand plants. One-quarter to one-half pound per acre.

Golden Self-Blanching

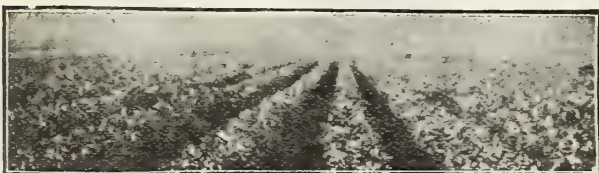
Vick's Special French Grown Seed

No other Celery offered to the American people approaches this variety in quality, flavor, color or habit of growth

Golden Self-Blanching forms a solid stalk, tender and crisp; the delicate cream-yellow color makes it attractive when offered for sale as well as inviting when on the table. The flavor is of the best—rich and nutty. In habit of growth it is stocky, uniform in height, and very compact. This variety originated in France and our seed is grown by the originator, who ships it directly to us; it is the best that money will buy.

Without exception truckers and market gardeners who grow this variety get top notch prices in the market. Numerous instances have come to our attention this fall where growers have received \$400 to \$500 per acre more for their celery than their neighbors adjoining. Car after car of celery grown from our seed have been shipped this fall to the big city markets for the choicest table trade. The owner of every garden, no matter how small, with reasonable care, under favorable conditions, with this seed can raise celery for his own table which will vie with that used at the most expensive banquet—large tender stalks, juicy, nutty, fragrant, sweet,—a salad fit for the gods.

Packet, 15 cents; ½ oz., 75 cents; oz., \$1.25; ¼ lb. \$3.75.



A glimpse of a field of celery which brought its owner, who, by the way used to be connected with this house and who, therefore, knows the history of this particular strain, and places his order here every year, more than five thousand dollars, simply because of the high quality, tenderness, crispness, fragrance, sweetness and high bred characteristics of plants grown from this special strain.

For the Home Garden, Paris Golden Dwarf Self-Blanching, very attractive color, exceedingly tender and of excellent flavor.

Vick's American Grown Self-Blanching Celery

It has for years been a well recognized fact that the best strains of Celery, especially of the Self-Blanching kind, have come from a small section of France. Until recently we had never found a strain of American seed in which we had the slightest confidence.

Owing to conditions in Europe, it has been a difficult matter to secure seeds from that source. We, therefore, arranged with one of the leading growers of Celery in this country, to produce a crop of seed from the original French stock. This seed has been thoroughly tested and has proven very similar to the French in style of growth, solidity and color. Some of our leading Celery growers in this vicinity are now using all American grown seed, and pronounce it very satisfactory.

Packet, 10 cents; ½ oz. 35 cents; oz. 60 cents; ¼ lb. \$1.75

Rose-Ribbed Self-Blanching. This magnificent sort comes to us from the originator, the grower of our market garden strain of Golden Self-Blanching, and resembles in general character that most valuable variety. The stalks are large, thick and beautiful, tinted with rose color at the base while the upper part of the stems, particularly the hearts, are a deep, rich yellow. Packet, 10 cents; ½ oz., 35 cents; oz., 50 cents; ¼ lb., \$1.50.

Vick's-Easy Blanching. A splendid second early variety of recent introduction. Stalks dwarf, white and solid; foliage light green. Flavor is excellent. Unlike most early varieties "Easy Blanching" is a good keeper. Packet 10 cents; ½ oz.; 30c.; oz., 50c.; ¼ lb., \$1.25.

White Plume. A variety especially adapted to cultivation by amateurs as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. Tender crisp, and of good flavor. Packet, 10 c.; ½ oz., 25 c.; oz., 40 c.; ¼ lb., \$1.00.

Improved Golden Heart. A selection from the old favorite Golden Heart Celery. Grown extensively for private use as well as for market. Improved Golden Heart is one of the finest late varieties. The heart, when blanched is a rich golden yellow. Packet, 10 cents; half oz., 20 cents; oz., 30 cents; ¼ lb., 85 cents.

Winter Queen. A splendid new variety, having the long keeping qualities of the winter celery and blanching easily, like the Golden Self-Blanching. Hardy, vigorous and of fine quality. Packet, 10 cents; half oz., 20 cents; oz., 35 cents; ¼ lb. 75 cents.

Giant Pascal. This is a selection from the Golden Self-Blanching Celery. The stalks are very large, thick, solid, and crisp and keep well into the winter. It has a fine nutty flavor, and is free from any trace of bitterness. It blanches with but slight earthing up and retains its freshness a long time after being marketed. Packet, 10 cts; ½ oz., 20 cts; oz., 35 cts; ¼ lb., 75 cts.

Columbia. In season this variety closely follows Golden Self-Blanching but blanches later in the fall. The foliage and stalks, light green in summer, turn a golden yellow when blanched. The stalks are large, fine grained and of extra good flavor. This variety keeps well for early winter use. Very popular as a shipping variety, and equally good for the home garden. Packet, 10 cts. ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.10.

Turnip-Rooted (Celeriac) Large Smooth Prague. An improved form of the Turnip-rooted Celery. Roots large, round and smooth, and free from side roots; a profitable variety for market gardeners. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable. Packet, 10 cts; ½ oz., 20 cents; oz., 35 cts; ¼ lb., 90 cts.

Celery Seed for flavoring (Not for planting.) Excellent for seasoning soup. Ounce, 10 cents; lb., 70 cents.

VICK'S

VICK'S GOLDEN NUGGET
THE MOST POPU-
LAR SWEET CORN
WE HAVE EVER
SOLD

SWEET CORN

SWEET CORN should be planted late enough in the season to avoid cold weather. Does best after weather is warm and soil becomes mellow and sweet. Plant in hills, three feet apart for the earlier varieties, and three and one-half to four feet for the late ones. One pound will plant 100 hills; sixteen to twenty pounds an acre in hills.

Vick's Golden Nugget

The most popular
Sweet Corn we have
ever sold.

Ready for table use
only a few days after
Golden Bantam. See
illustration in color on
inside front cover.

Packet, 10 cents; $\frac{1}{2}$ lb., 20 cents; lb., 35 cents. Postpaid. For lower prices on larger quantities, see page 42.

The greatly increasing demand for our Golden Nugget Corn has made it absolutely necessary for us to add each year to the number of acres of this variety on our Seed Farms to fill our orders. Its hardiness and productiveness are two of its strongest characteristics. See accompanying photos. It produces usually two or three, and occasionally as many as four ears to a stalk. The ears are large, from 2 to $2\frac{1}{2}$ inches in diameter, fully seven inches long, and having 10 to 14 rows of plump, tender, sweet and milky kernels. It is particularly attractive when cooked, showing a rich creamy color—and it tastes just as good as it looks, far excelling any other yellow variety except Golden Bantam in quality and flavor. In season Vick's Golden Nugget follows Golden Bantam, maturing about a week later, when planted at the same time. The yield is double that of Golden Bantam, the plants of Golden Nugget being from one to two feet taller, the ears larger, and more to the stalk.

Vick's Golden Nugget has been developed on our own farms with the idea of producing the very best corn obtainable.

Vick's Golden Nugget is frequently specified on the menus of the largest and finest hotels in New York, Philadelphia, Chicago and other cities.

I want to write you a good word about your Golden Nugget Sweet Corn, to say we planted it last year and it was great the yield was large, growing good sized ears (picking it at right time) and without doubt it was the sweetest corn we ever had in fact we all said we never had any to equal it.

March 31, 1922, Palisades Park, N. J. John Brinkerhoff

EARLY VARIETIES

Packet, 10 cents; $\frac{1}{2}$ lb., 20 cents; lb., 35 cents, except as noted. Postpaid.

For lower prices on larger quantities see page 42.

VICK'S MORNING DEW The Largest Extra Early White Sweet Corn Ever Developed. Introduced by us in 1920. Developed after several years of careful plant breeding and selection. While the ears are as large as the late kinds they mature only a week or ten days later than Golden Bantam. In quality and flavor it is unsurpassed by any other White Sweet Corn. Extremely prolific, it will regularly yield three to six ears to the hill. For the truck gardener this variety is a wonder, as the large handsome ears coming so early in the season, are readily sold at fancy prices. See inside front cover for illustration in natural color.

Vick's Earliest of All. This is in fact the "earliest of all." Very excellent, tender, and sweet. To market gardeners this variety is of great value, as the first Sweet Corn will bring two or three times the price commanded when the supply becomes general. Also desirable for the home garden. The stock we offer this season has been so improved by years of careful selection and breeding that it is far earlier and better than ever.

Mammoth White Cory. An excellent sort, but little later than Earliest of All. The stalks are large, and each stalk bears two or more large, fine-shaped twelve-rowed ears; remarkable for its good quality for so early a sort. All gardeners who cater to the best trade should plant this variety.

Whipple's Early. A new early white corn which is becoming very popular with market growers. In size and appearance it compares favorably with Stowells Evergreen. Most of the large robust stalks bear two or more large, handsome ears filled to the tip with plump, narrow, juicy grains of deliciously flavored corn. A real money maker for the market gardener and excellent for the home grower.

Early Dawn. A very early white corn of excellent quality. Ears average six inches in length with about eight rows of clear juicy kernels, sometimes tinged with red. Ready to eat in about 65 days after planting.

Early Minnesota. An old and popular dwarf variety. Ears fine, of good, sweet quality. Desirable for both the market and private garden.

If you do not grow your own Sweet Corn always insist on Vick's Golden Nugget when buying from your grocer



VICK'S GOLDEN NUGGET

Its great productiveness is one of its strongest points. Note the four ears to the stalk.

EARLY VARIETIES—Continued

Packet, 10 cents; $\frac{1}{2}$ lb., 20 cents; lb., 35 cents, Postpaid.

Extra Early Golden Bantam. Golden Bantam is early, very hardy and will stand planting earlier in the season than other varieties. It grows about four feet high, bearing one or two medium sized ears of a rich, golden, yellow color. When cooked is exceedingly sweet and tender. It is considered one of the best and most popular varieties ever introduced.

Dreer's Aristocrat. Is an extra early variety following Mammoth Cory in season. Stalks grow from four to six feet high and ears of large size. A most desirable corn, with exceedingly large ears for an early dwarf sort; the grains are extremely sweet, broad and deep. Indeed, it is the best of the pink grained varieties; very productive.

LATER VARIETIES

Packet, 10 cents; $\frac{1}{2}$ lb., 20 cents; lb., 35 cents, postpaid.

For prices on larger quantities, see page 42.

Bantam Evergreen. A cross between the famous Golden Bantam and Stowells Evergreen resulting in a corn about the size and shape of Evergreen and retaining the sweetness, color and high quality of the Golden Bantam.

Howling Mob. One of the best-flavored and most tender varieties. Ears average eight inches long with fourteen to sixteen rows of pearly white juicy kernels. Medium early.

Early Evergreen. This fine variety is from ten to twelve days earlier than Stowell's; and though it is not quite as tall, it yields large, handsome ten or twelve-rowed ears.

Stowell's Evergreen. For many years this variety has stood at the head of the list of late Sweet Corn, and it bids fair to hold the position for years to come. For main late crop, for the family garden, for the market grower and the canner, it is unexcelled. Stalk strong, bearing two 12-rowed ears with large sweet kernels. Remains in good condition for some time after gathering, thus continuing the season after frosts.

Black Mexican. The ripe grain of this novel variety is black or bluish black, but when in condition for the table looks remarkably white. This is considered the sweetest and most tender of any variety of Sweet Corn. Excellent variety for popping.

Country Gentleman. A delicious Corn for family use. The ears are good-sized and produced in great abundance. Its long, small, milky kernels are full of sweetness; the cob is small, and the corn white and tender; it is sure to please. It is somewhat later than Stowell's Evergreen.

POPCORN

Shelled corn, packet, 10 cts; $\frac{1}{2}$ lb., 15 cts; lb., 25 cts. Postpaid. By Express or Freight not prepaid, 5 lbs., 90 c.; 10 lbs., \$1.60; 25 lbs., \$3.75.

Red Beauty. One of the most prolific popcorns grown, as high as 3 to 4 handsome dark red ears to the stalk and is the earliest of the large eared corn. Pops white and full. In our opinion the finest popcorn that can be grown. For full description see introductory novelty section. Illustration in color on inside front cover.

White Rice. Most popular for general use. White, sharp-pointed kernels.

Queen's Golden. Fine yellow variety; creamy white.

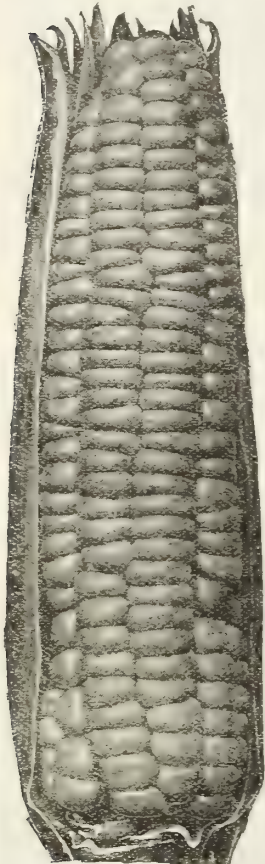
New York N. Y.

Excuse me for writing to you again about Golden Nugget Sweet Corn: I had the biggest crop of it last season I ever saw grown yet. I don't think there was over one-half acre and I sold over \$100 worth, green on the ear, besides fattening two pigs on it and am offering about 15 bushels shelled for sale.

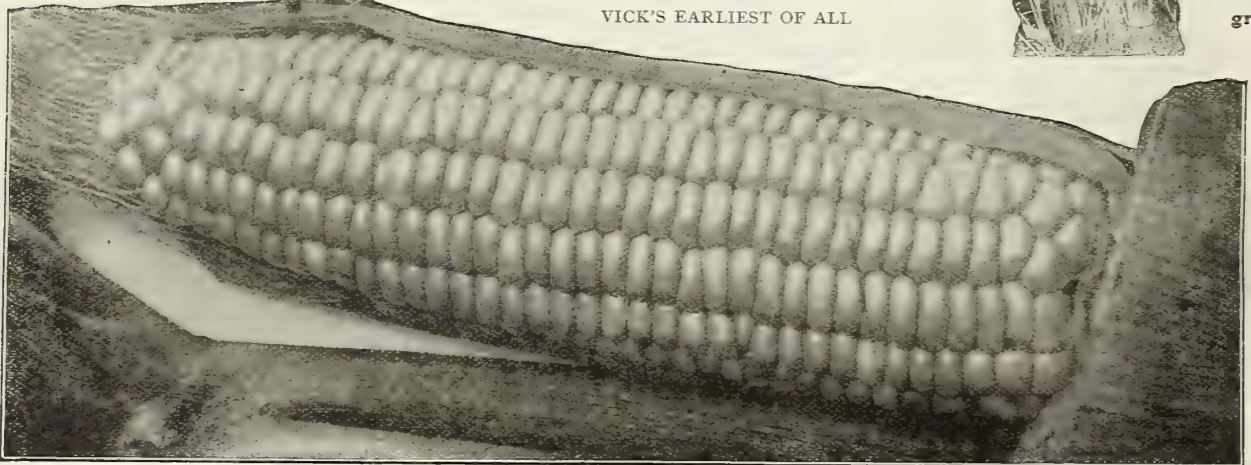
I took 25 ears to Herkimer County Fair last year and got first premium with all other kinds against me. This makes seven years in succession I have taken first prize.

Michael Mergenthaler.

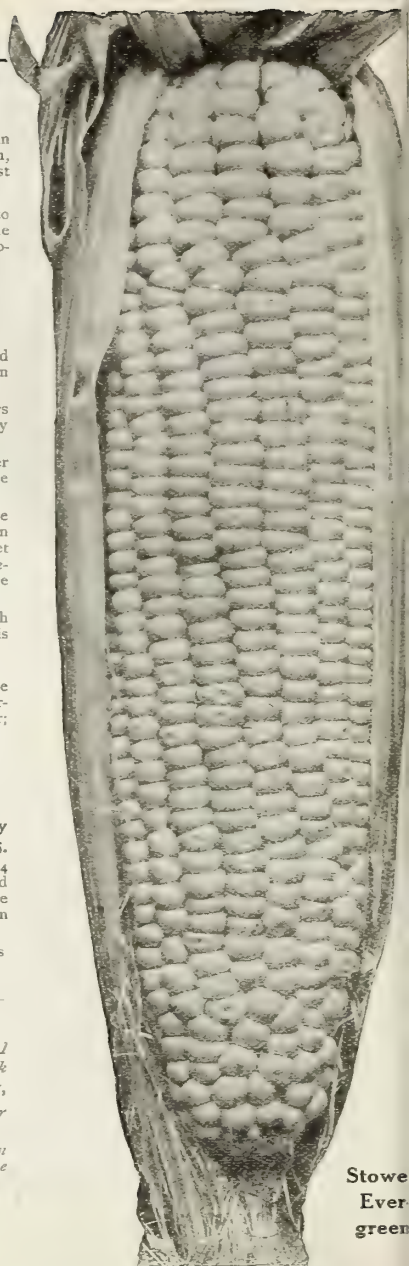
VICK'S EARLIEST OF ALL



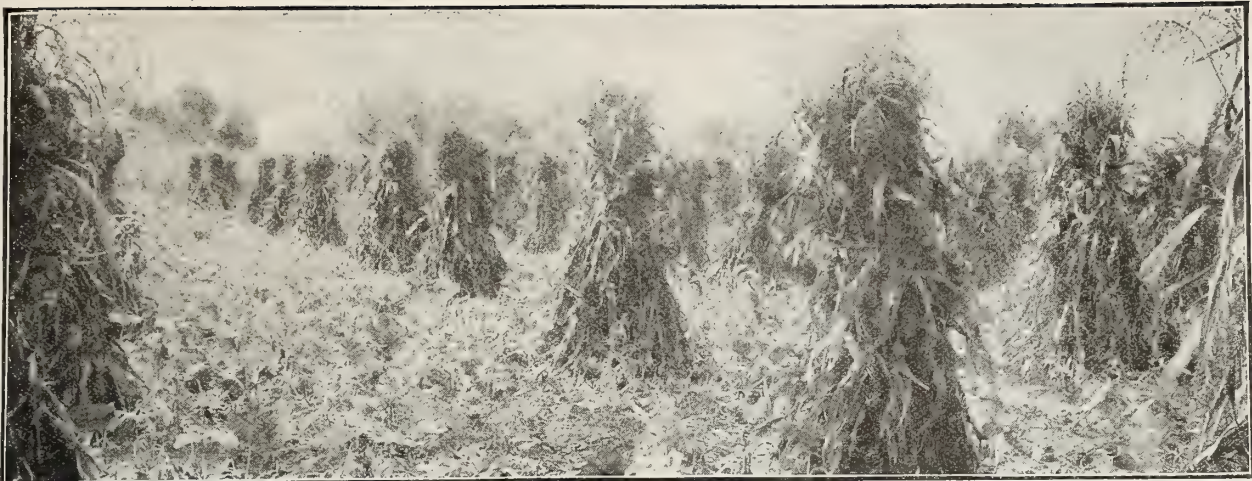
VICK'S GOLDEN BANTAM



Every boy should have his own patch of popcorn. Red Beauty is the best to grow. See inside front cover.



Stowe
Ever
green



21

VICK'S FIELD CORN

"Corn is King." Without doubt the most valuable all around crop in America. For table use corn is rapidly gaining in favor and is used in an increasingly large list of appetizing dishes which command the esteem of the most epicurean taste. On the other hand, progressive farmers who weigh every unit of food values for their livestock have a high respect for corn as a builder of meat and bone.

Scientific experts are vying with one another to produce the highest possible type of ear and kernel, of stalk and foliage. We have long taken great interest in the development of new varieties. Genesee Valley, introduced by us twenty years ago is still recognized as superior to any other long ear eight row yellow flint corn. In the last few years we have introduced three new varieties: Vick's Early Northern White Dent, Vick's Snow Capped Gold Mine, Vick's Extra Early Prolific Flint, which we have bred up with special care.

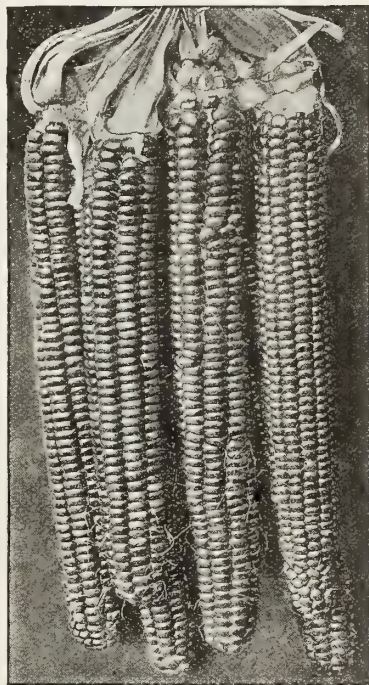
Prices of corn are governed largely by market conditions and our prices are, therefore, subject to change. Shipments by express or freight, charges collect. No charge for bags. Two pounds of any one variety 50 cents by mail postpaid. If larger quantities are wanted by mail, see Parcel Post rules on page 42.

VICK'S EXTRA EARLY PROLIFIC FLINT

THE EARLIEST CORN WE HAVE EVER GROWN

This is a new variety of Flint which we have bred up so that it is now one of the earliest varieties we have ever seen. Our experience with this corn the last few years has been so satisfactory that we heartily recommend it for a locality where earliness is a deciding factor. The last three years this corn has been thoroughly ripe 10 to 15 days before any other variety. The stalks are slender, so they are eaten with relish by stock. The ears are medium size and everyone is beautifully formed and filled to the tip with shining yellow kernels as shown in the illustration below. It is very prolific there being regularly 2 or 3 ears to the stalk.

Prices; 10 lbs. 85 cts.; 28 lbs. ($\frac{1}{2}$ bu.) \$1.40; 56 lbs. (1 bu.) \$2.40.
10 bu. or more \$2.25 per bu. Bags free.



GENESEE VALLEY

Woodville, N. Y.
I want to say to you that the Vick's Extra Early Prolific Corn that I had of you last year, proved very satisfactory in every way. The crib of the corn is a most beautiful sight and it husks and breaks so easily. No large butts to the ears to lame the wrists in husking, and the yield is beyond expectation.

La Fayette Fober.

Genesee Valley. A yellow, eight-rowed Flint variety originated by us through the crossing of popular Long-fellow with a choice local stock. The cob is white, 12 to 15 inches in length and very slender. The grain is golden yellow, the kernels are large, plump and compactly set together covering both butt and tip. In our judgment it is one of the earliest, hardiest and most productive varieties of Flint Corn. The ground corn or corn meal is a rich golden yellow, so highly desired and eagerly sought for by the miller and baker. Genesee Valley, when well grown yields a big crop of stalks; foliage is fine and especially desirable for fodder.

Prices, 10 lbs., 85 cents; 28 lbs., ($\frac{1}{2}$ bu.) \$1.40; 56 lbs., (1 bu.) \$2.40
10 bu. or more, \$2.25 per bu. No charge for bags.



EXTRA EARLY
PROLIFIC FLINT

Take particular care in selecting your seed corn. Remember Vick Quality means the "best the earth produces"



VICK'S SNOW CAPPED GOLD MINE

OTHER VALUABLE DENT VARIETIES

All varieties, except as noted. 10 lbs., 85 cts.; 28 lbs., (1-2 bu.) \$1.50; 56 lbs. (1 bu.) \$2.50. 10 bu., or more, \$2.25 per bu. Bags free.

Drought-Proof Yellow Dent. As its name implies will stand more hot, dry weather than any other variety and produce large crops. It is desirable for all localities where Dent Corn is grown. It is of strong growth; maturing in from 90 to 100 days.

Early Mastodon. An improved Yellow Dent, large yield, large grains and early ripening. It has the largest number of rows on a cob, and the largest grains of any Corn ever originated; brings a high price in the market; medium height, grows rapidly, and ripens in 100 days. A very heavy yielder. A popular variety for ensilage.

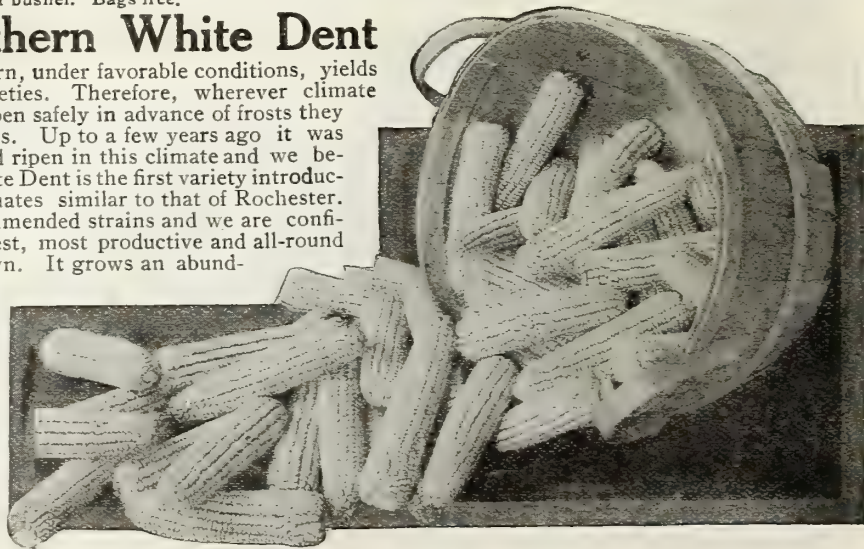
Pride of the North. A sixteen-rowed Yellow Dent variety. Ears eight to ten inches in length; cob very small and red, with grain above medium size and closely set. It produces an enormous quantity of shelled corn to the amount of cob. Grows tall and leafy. Very prolific. Used in the Northern States for ensilage only.

Improved Leaming. Similar to above in every respect, but about one week later in maturing. Very desirable for fodder. More largely used for ensilage in this latitude than any other variety. 10 lbs. 80 cts.; 28 lbs. \$1.25; 56 lbs. (1 bu.) \$2.00; 10 bushel or more, \$1.85 per bushel. Bags free.

Vick's Early Northern White Dent

Everybody knows that Dent corn, under favorable conditions, yields more bushels per acre than Flint varieties. Therefore, wherever climate conditions permit Dent varieties to ripen safely in advance of frosts they are rapidly crowding out Flint varieties. Up to a few years ago it was not supposed that Dent varieties would ripen in this climate and we believe that Vick's Early Northern White Dent is the first variety introduced which can safely be planted in climates similar to that of Rochester. We tested out numerous highly recommended strains and we are confident that Early Northern is the earliest, most productive and all-round most satisfactory Dent corn ever grown. It grows an abundance of stalk and leaf and, therefore, will yield greater tonnage of fodder than any Flint variety. For the farmer who wants a big crop of ripe corn and a large tonnage of rich, sweet, corn stalk fodder we recommend Vick's Early Northern White Dent above any other variety. We grow it every year on our farms and have never had a crop failure since its introduction which is more than can be said of any other Dent variety ever grown.

10 lbs., 85 cts; 28 lbs. (½ bu.) \$1.40; 56 lbs., (1b u.) \$2.40; 10 bushel or more, \$2.25 per bushel. No charge for bags.



FIELD CORN (Continued)

VICK'S SNOW CAPPED GOLD MINE

A white capped yellow dent corn of exceptional value. Every season we grow this crop we become more enthusiastic over the real value of this variety for every progressive farmer.

It is Very Early. It ripens earlier than any other dent variety we know of, with the exception of Early Wonder White Dent. Many of our customers this past season planted this corn for ensilage purposes but it ripened so early and was so prolific that they had a big quantity of corn left standing for husking after their silos were filled.

It is Very Productive. On our own farms it has proved to be the most productive of any varieties which we have grown. The experience of every one we have heard of who has tried it has been the same. On good land and under normal conditions most of this corn will produce two large ears to the stalk.

For Ensilage Purposes Snow Capped Gold Mine is unsurpassed. Most varieties of ensilage corn require a very long growing season and in northern localities they are usually very far from maturity at cutting time and consist largely of water and have little food value. Snow Capped Gold Mine ripens so early before any danger from frost, that both the stalks and ears are thoroughly mature and at their highest development when cut for the silo, thus containing a maximum of food value.

We Have Tried Out this corn under the most severe conditions with the widely advertised and undoubtedly very valuable Luce's Favorite, and found in every instance Snow Capped Gold Mine far superior in earliness, productiveness, amount of foliage, in every quality of value.

10 lbs., 80 cents; 28 lbs., ½ bu., \$1.25; bushel (56 lbs.) \$2.00. 10 bushel or more \$1.85 per bushel. No charge for bags.

CHICORY

Achicoria. Span.; Cicoria selvatica, Ital.

Large-Rooted Long Magdeburg. Sow Chicory seed as early in the spring as the ground can be worked, in drills half an inch deep and fifteen inches apart, and in mellow soil. The after-culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The dried roots are used as a substitute for and adulterant of coffee. Pkt., 10 cents; oz., 40 cents; ¼ lb., \$1.00; lb., \$2.50.

Witloof Chicory or French Endive. A delicious vegetable, very easily grown. The roots, from the tender white stalks which are used for eating are grown, are raised from seed which should be sown early in June, in drills. In November the roots are dug and the tops cut off, leaving about one and a half inches of the leaf stalks. These roots are then planted out of doors for use the following spring, or they can be forced in boxes inside. In either case the roots are set in sand or soil in upright positions with tops about six inches below the surface. For indoor growing the boxes can be set in the cellar or other cool place. The tender shoots can be used as a salad raw, or are delicious cooked. Pkt., 10 cts; oz., 45 cts; ¼ lb., \$1.10; lb. \$2.75

CUCUMBERS

FROM the many varieties of Cucumbers, we have selected those offered below as being unexcelled for home and market gardens. We do not believe they can be surpassed by any other list of equal number.

In this latitude it is useless to plant in open ground until about the first of June. Make hills two feet in diameter and about six feet apart, and enrich them with well-rotted manure. Plant a dozen or more seeds in a hill, covering half an inch deep. When plants begin to spread pull all but three or four of the strongest plants. One ounce of seed for fifty hills; two pounds per acre, planted in hills.

Packet, 10 cts.; ounce, 25 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50; except as noted.

Cool and Crisp. A strain of the White Spine, but longer and more cylindrical. Very early and exceedingly prolific. While it is esteemed most highly as a pickling sort, it is one of the very best for slicing, being tender, crisp, and of fine flavor.

Vick's Abundance. Without a doubt this is one of the very best Cucumbers we have ever grown, being more prolific, of better shape, and of a richer dark green color than any other variety known. Vick's Abundance was originated by one of the best market gardeners in the world-famous vegetable growing section near Rochester. The quality of Abundance is unsurpassed. It has a very small seed cavity and few seeds, and measures 8 to 10 inches in length. Abundance is smooth and symmetrical, and has a beautiful, clear, dark blue color. It does equally well in the greenhouse for forcing, or outside in the garden.

Packet, 10 cents; $\frac{1}{4}$ oz., 20 cents; oz., 50 cents.

Improved Long Green. A well-known standard variety about twelve inches in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best, of any for sweet pickles. Vines vigorous and very productive. Our strain of this valuable sort is unsurpassed being carefully selected from the best fruits.

Early Green Cluster. A short pale green variety. Fruit borne in clusters near the root; rather prickly; containing few seeds. A productive sort and very satisfactory for pickles.

Vick's Improved Early White Spine. Very popular in all sections of the country. Flesh tender and crisp; uniform in size, straight and dark green, with few white spines.

Vick's Early Perfection White Spine. It excels in earliness, and is one of the best for either the home garden or forcing; also extensively grown for pickles.

Thorburn's Everbearing. Small size, very early, and enormously productive, and valuable as a green pickler. It continues to flower and produce fruit until killed by frost, whether the cucumbers are picked off or not. Remarkably solid, with very few seeds, and of fine quality. Invariably of perfect form, even when small.

Chicago or Westerfield Pickling. Fruit medium length, pointed at each end, with large and prominent spines, color a deep green. It combines all the good qualities of an early Cucumber and is highly regarded by Chicago market gardeners, and grown extensively for the large pickling establishments in that vicinity.

Green Prolific or Boston Pickling. A distinct variety. A favorite with pickle growers and commercial gardeners, and good for table use. Quite productive. Fruit small, uniform in size.

Davis Perfect. This long, slim Cucumber sometimes measures twelve inches in length; the color, which holds until nearly ripe, is a rich, dark, glossy green. Davis Perfect has a fine flavor and is very tender and brittle. A choice variety for forcing under glass or for outside culture.

Vick's Lemon Cucumber is nearly round, with yellow and green markings and smooth skin, similar to the Lemon. The flesh is tender, crisp, and possesses a sweetness and flavor surpassing all other Cucumbers. The fruit is from two and a half to three inches in diameter, and very attractive in appearance. For pickling either when green or ripe, they are unexcelled.

Packet 10 cents; oz., 35 cents; $\frac{1}{4}$ lb., \$1.00.

Earliest of All. An extra early prolific Cucumber; the fruit full and uniform, tapering slightly at both ends. Color, a good, deep green. It is a week to ten days earlier than Extra Early White Spine, and because of its extreme earliness is a very desirable variety both for the home garden and those who grow for the market.

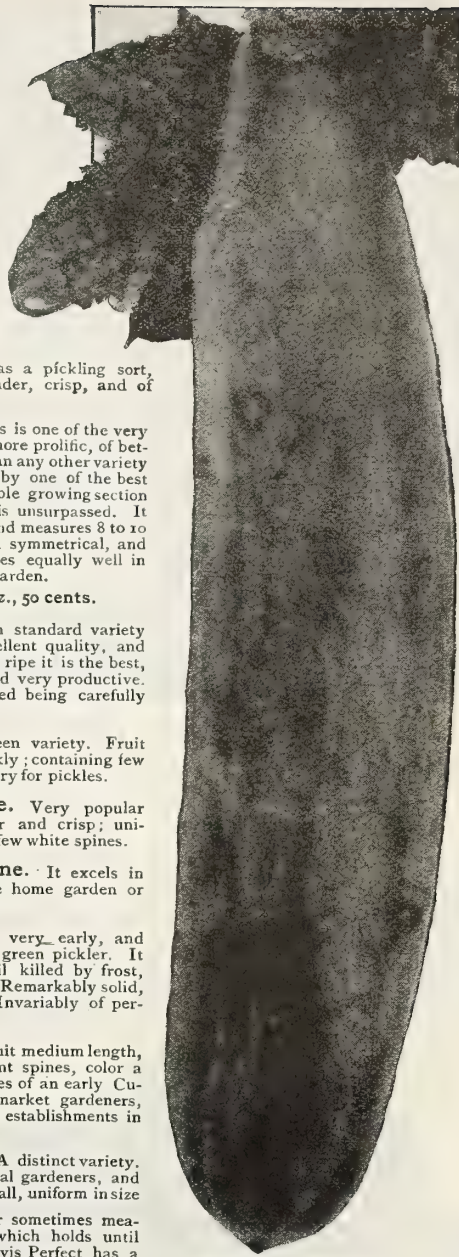
Japanese Climbing. A strong and vigorous variety growing nearly twice the length of ordinary sorts, and one that can be grown on trellises, fences, or poles. Can be used for screens, as the foliage is much heavier than other kinds. The fruit is from ten to twelve inches in length and of excellent quality either for slicing or pickling. Packet, 10 cents; oz., 25 cents; lb., \$2.00.

VICK'S PERFECTION WHITE SPINE

Albany, N. Y. March 13, 1922

I raise the Lemon Cucumber from your seeds and all who eat it prefer it to other varieties for table use.
E. A. Hagaman

Abundance is among the finest of our extra fine cucumbers, and it well deserves an important place in every garden



VICK'S ABUNDANCE



Phoenixville, Pa., February 11, 1922

I want to compliment you on the high quality of your seed. Everything I had from you last year was very successful. Vick's Abundance Cucumbers were a marvel in this section for their size averaging ten to twelve inches and the huge crop they yielded.
Wm. K. Robb.



SOLID HEADING LETTUCE VICK'S SPECIAL STRAIN BIG BOSTON

24

Do city folk, when they sit down to tables garnished with the most delicious lettuce salad ever wonder where and how such large, crisp, tender, creamy white heads of lettuce are produced? Our grandmothers knew only the loose and rather coarse and tough-leaved varieties. In the last twenty-five years astonishing developments in varieties have finally produced the monster heading tender varieties of to-day, among which Big Boston is used more largely than all others combined. Our special strain is the top notch development of this variety and is now used almost exclusively by the largest and most successful market growers. Hundreds of acres of this variety are grown every year from our seed. More than a hundred cars in a single day have been shipped to the various city markets. Not infrequently our growers have received as high as \$2,000 per acre and more while their neighbor's crops from inferior seed have scarcely paid expenses. The picture of the field above, every row filled with perfect heads of fancy grade, represents the acme of success in lettuce growing. Here is what the grower E. M. Salisbury, Holley, N.Y. says about it: "The Big Boston Lettuce seed purchased from you last summer produced the best crop I have ever grown. In the entire five acre field there was hardly an imperfect head. As the crop developed very evenly, we harvested practically the entire field the first time over, thus avoiding waste and saving labor. I shipped six carloads from the entire field, every one of which brought top notch prices netting me a handsome profit on the crop."

I am so pleased with your special strain that I have already placed my entire order with you for next year."

Big Boston is one of the best varieties for either the large market grower or the home gardener. The heads are large and blanch to a creamy white very fine grained and packed as close as cabbage. Plants are sure headers, and stand a long time before seeding. When the plants are thinned to 10 to 12 inches apart the heads grow to a large size, measuring from 10 to 12 inches in diameter. Big Boston heads up under cold weather conditions better than any other.

Packet, 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; 1 lb. \$1.75

EARLY MAY KING. This variety is very early and hardy, grows to a good size, six to seven inches in diameter, heads round and solid. May be planted out of doors or under glass, and will produce heads earlier than any other variety. Outer leaves tinged with brown, the inside a rich golden yellow. A remarkable variety and of unexcelled flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; 1 lb., \$1.75.

Vick's Special Strain Big Boston is the king of all head lettuce



EARLY
MAY
KING

SOLID HEADING VARIETIES (Continued)

Pkt., 10 c.; oz., 20 c.; ¼ lb., 50 c.; lb., \$1.75. except as noted.
Crisp as Ice. A splendid and distinct Cabbage Lettuce, well adapted for family and home market use. The heads are solid, of large size and handsome shape. When cut open they have a rich creamy heart, and are so tender and brittle as to warrant the name "Crisp as Ice." The leaves are thick and glossy, handsomely crimped and curled, the outside variegated with dark bronze and green. **Pkt., 10 c.; oz., 25 c.; ¼ lb., 60 c.; lb., \$2.00**

Golden Queen. A fine, quick growing head Lettuce, and one of the best sorts for early outdoor planting as well as for growing under glass. The color is a beautiful golden yellow; the plants medium size and very compact. The heads are so solid that there is no waste whatever, and they really contain more substance than many varieties showing double the size.

Packet, 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; pound, \$2.00.

All Seasons. A very large Cabbage heading variety. Outer leaves are unusually large, thick and dark green. Heads large, solid, deep yellow, buttery and finely flavored. This variety will hold up longer and stand more hot weather without going to seed, than any other of its type. A splendid shipper and is worthy a place in every garden.

Improved Hanson. A standard summer Lettuce; none more reliable for out-door cultivation. The heads grow to a remarkable size, and are very solid. The outer leaves are a bright green, while the inner head presents a white appearance, as though blanched; tender and crisp, and free from any unpleasant bitter taste. It is slow to seed, and is an ideal Summer Lettuce

Iceberg. A very solid heading variety with curled, finely indented leaves which are all strongly incurved, thus the center is always thoroughly blanched.
Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., \$3.00.

New York Cabbage. In trial on our farms this lettuce was one of the earliest varieties. The outer leaves are dark green and when first formed the head is slightly pointed, but when further matured is globular in shape. It is one of the five most popular varieties of lettuce, both in Europe and America, ranking close to Big Boston in this respect. The inner leaves are creamy white and are wonderfully crisp and tender. This is one of the very best lettuce to grow for the home garden, but is most too crisp to be a good shipper. **Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; lb., \$3.00.**

COS or ROMAINE LETTUCE.

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., \$1.75

Paris White Cos. Cos lettuce is quite distinct and popular on account of their tender, crisp leaves and delicate flavor. The leaves are long and narrow, and need to be tied up, when they soon form solid heads, and bleach snow white.

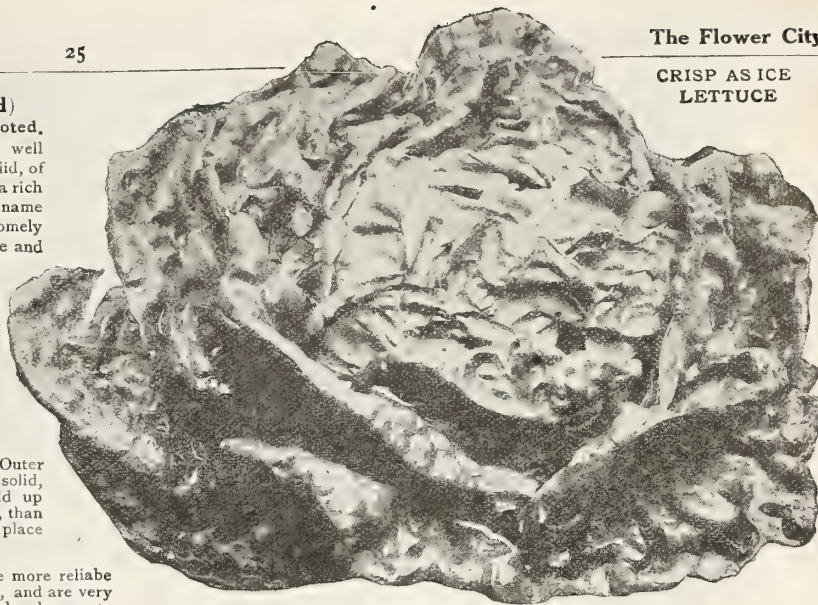
Vick's Trianon. A new variety grown especially for us. It grows large and is uniform, crisp and tender. It stands a long time before going to seed. The leaves are narrow and turn in at the top, therefore it is not necessary to tie them up to blanch

To Grow Lettuce

Lettuce to be at its best should be grown as rapidly as possible, hence the soil should be made rich and mellow by liberal manuring and thorough preparation. For general crop, sow outdoors as early in the spring as the ground can be worked, in drills eighteen inches apart and thin the young plants to four inches apart in the row. As the plants begin to crowd, thin them out and use as required. In this way a much longer succession of cuttings may be had from the same ground. For the cabbage or heading varieties where large heads are desired, the plants should be thinned ten to twelve inches apart in the row.

S or
OMAINE
ETTUCE

Early May King is a popular variety for growing under glass. Many of our Market Gardeners plant this variety exclusively.

**CRISP AS ICE
LETTUCE**

Hop Bottom, Pa., February 17, 1922,

I first began using Vick's reliable seeds when I was a mere child, of eight years, sixty years ago hence I am prepared to say, there is no better seed grown in America than those grown by James Vick's Sons of Rochester, N. Y.

Surely I have given this matter a most thorough test as I have grown the seeds sent out from more than a score of different seed houses, some of which prove to be quite satisfactory.

I was favorably impressed with the truthfulness made in your 1922 Garden and Floral Guide namely: Vick Quality the Best the Earth Produces.

This statement has proven to be as true and reliable as Vick's Seeds the best that grow. Long live James Vick's Sons. Long Life, Wealth, Health, and True Prosperity for James Vick's Sons will be my constant prayer.

Lizzie C. Packer.

CURLED OR LOOSE LEAF VARIETIES

Packet, 10 cents; oz., 20 cents; ¼ lb., 50 cents; lb., \$1.75.

Grand Rapids Forcing. There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for out-door culture as other sorts. Large, beautiful leaves, very crisp and tender. Frequently a house full of this Lettuce will average one half pound to a plant.

Early Curled Simpson (Silesia). Forms a close compact mass of leaves that are large and broad, crimped and blistered, and light green in color. Not desirable for forcing with bottom heat. It is however recommended for planting in cold frames, and extensively grown in the open.

Prize Head. Is very large; stained with red; outer leaves curled; very crisp and tender; slow in running to seed.

Black-Seeded Simpson. The most popular sort of all the non-heading varieties. One of the best for use under glass as well as for early outdoor planting. The plants form large, loose heads; outer leaves a light, yellowish green, with inner leaves blanched almost white. Resists the heat and remains long in a good edible condition.

**BLACK
SEEDED
SIMPSON**



LEEK

Puerro, Span.; Porro, Ital.

The Leek is a mild onion-like plant that should be better known. The long, blanched necks are milder and more tender than the onion. The green tops are esteemed superior to the onion or flavoring soups, etc., their strong odor disappearing in cooking. Sow as for onion.

Packet, 10 cents; $\frac{1}{2}$ oz. 35 cents; oz., 50 cents; $\frac{1}{4}$ lb., \$1.35; lb., \$4.00.

Monstrous Carentan. A new and valuable strain of the superior Leek; of extra large size, easily blanched and of the finest quality.

Broad Flag. An old favorite. Large, hardy, and productive.

FENNEL

Hinojo, Span.; Finocchio, Ital.

To those who are looking for "something different" we recommend a trial of the Giant Sweet Fennel. It has an agreeable aromatic flavor resembling celery, but its odor is more delicate and its taste sweet. It may be used as a salad or cooked in various ways; it will be found a pleasing addition to the vegetable list. It is an easily cultivated vegetable, maturing quickly from seed sown in spring. The thickened bases of the leaf-stalks form a bulb-like growth, which is blanched by earthing up like celery.

Packet, 10 cents; oz., 30 cents; $\frac{1}{4}$ lb., 75 cents; lb., \$2.00.

Giant Messina. Bulb-like thickening at base of stalk, very large.

Florence. Thickening of stalk at base not so pronounced.

KOHL RABI

Col rabano, Span.; Cavolo rapa, Ital.

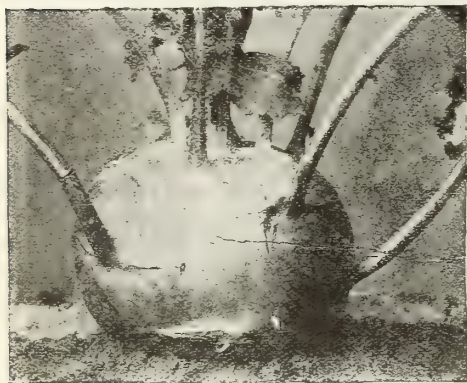
Kohl Rabi is sown for general crop in the spring, like the Turnip, in drills, or may be transplanted like Cabbage. For winter table use, sow middle of June. Gather when small and tender, as later it becomes tough and stringy. The stem, just above the surface of the ground, swells into a bulb something like a Turnip; it is cooked like that vegetable, and is much sweeter and of fine flavor. One ounce will sow 200 feet of drill.

Packet, 10 cents; oz., 40 cents; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Early White Vienna. Delicate; much prized for forcing.

Early Purple Vienna. Another forcing variety, similar to above except in color.

Large Early White or Green. Used mostly for feeding stock.



KOHL RABI

ENDIVE

Endivia, Span.; Endivia, Ital.

Endive is an excellent autumn and winter salad; especially when blanched. It is also used extensively for garnishing, and if boiled makes fine "greens." Sow seed late in the spring or even as late as July, in shallow drills, fifteen inches apart, and when plants are strong, thin out to about a foot apart. To blanch, gather up the outer leaves over the center of the plant, and tie them together at their tips. Sow one ounce of seed to 100 feet of drill.

Pkt., 10 cts., oz., 25 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

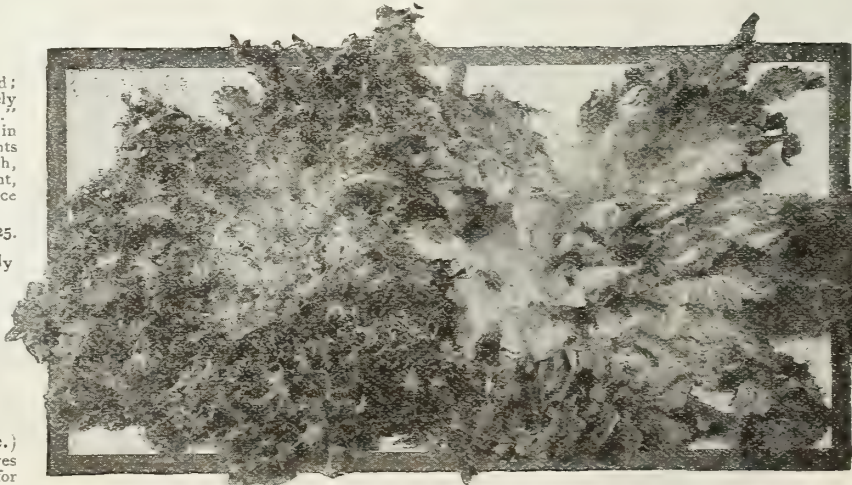
Moss Curled. Foliage very dense and beautifully fringed.

Green Curled. The hardiest variety. Leaves dark green, finely cut; easily blanched to a fine white. The flavor is pleasantly bitter, stimulating and zest-giving.

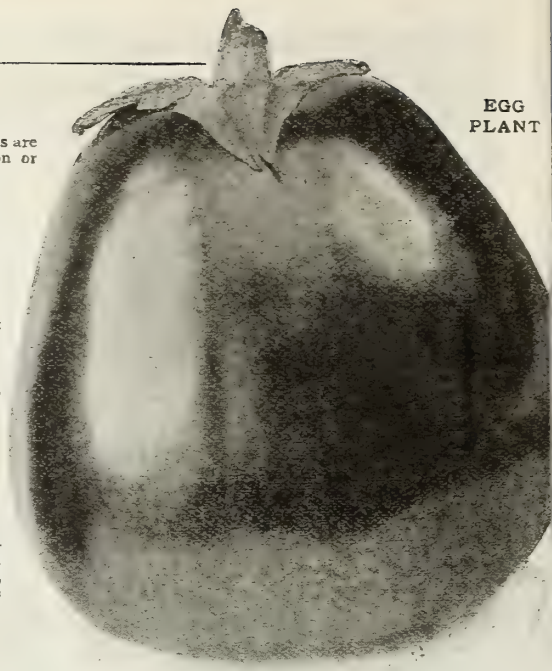
White Curled. Foliage somewhat coarser than the Green Curled, moderately dense, pale green.

Broad-Leaved Batavian. (Escarolle.) The most popular variety for the market. Leaves broad, thick, somewhat wrinkled. Excellent for "greens" and flavoring soups and stews, as well as for salads.

Endive as a salad is fine and cannot be surpassed. It is fast coming into its own, growing more popular every day.



MOSS CURLED AND BROAD-LEAVED BATAVIAN ENDIVE

EGG
PLANT**EGG PLANT**

Berengena, Span.; Petronciano, Ital.

Egg Plant is a deliciously flavored, easily prepared vegetable that should be more widely known. It can be grown with little difficulty.

Those who have no hotbeds can sow a few seeds in boxes in the house, where a temperature of 75° can be maintained. Plant out early in June two and a half feet apart. One ounce will produce about 1,500 plants.

Black Beauty. Distinct and fine. The fruit is quite as large as Improved N. Y. Purple, and from ten days to two weeks earlier than that variety. It is very attractive in appearance, and of excellent flavor. Packet, 10 cts.; $\frac{1}{2}$ oz., 50 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

Improved New York Purple, Spineless. The standard for home use and market. Very popular in all the city markets, and the easiest, finest and largest variety grown. The fruit is large, smooth, round, of the highest quality, and very productive.

Packet, 10 cts.; $\frac{1}{2}$ oz., 50 cents; oz., 75 cents; $\frac{1}{4}$ lb., \$2.50.

HORSERADISH

Taramago, Span.; Rafano, Ital.

Horseradish is grown from pieces of the roots. Mark off rows two and one-half feet apart, in rich, moist, well prepared ground; set the pieces of roots eighteen inches apart in the rows, the small end down, and the top, one to two inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep the weeds down.

New Bohemian. Produces mammoth roots. Extra early. Better yielder than the old variety and succeeds in light or heavy soil. Dozen, 35 cents; per 100, \$2.00, postpaid.



INSPECTING A FIELD OF VICK'S IRONDEQUOIT MUSK MELON GROWING FOR SEED, OUR OWN SPECIAL STRAIN. 27

MUSK MELON

Melon, Span;

Popone, Ital.

MUSK MELONS are among the choicest of our summer table delicacies. The beautiful color of the flesh, which varies from pale green to dark orange according to the variety, makes the Muskmelon appealingly attractive to the eye, while its delicious flavor, sweet, rich and melting, is a delight to the palate. They are easily grown and since they require less time to mature may be planted in more Northern latitudes than the Watermelon and in colder and heavier soils. With a little extra care Melons of the finest quality may be raised in the home garden. Plant in hills six feet apart when the ground has become warm and dry and after placing a little manure in each hill. One ounce of seed is sufficient for fifty hills; two pounds for an acre, in hills.

VICK'S IRONDEQUOIT

The following word picture, which by the way is not overdrawn a bit, by Jack W. Spere of the Todd Photograph Company, appeared in the "Bumble Bee", the weekly paper of the Rochester Ad Club.

"Gentle Reader, didja ever sink your face clean up to the ears into a genuine home grown Irondequoit mush melon? Didja? Gee! It's a picture no artist can paint. About the size of a peck measure or, if the gods are kind, maybe a peck and a half. All faded and sandy outside, like a disappointed pun'kin; but inside, Oh Boy! a luscious, globular ooze of gay Persian orange, shading away to deepest, most enticing sea green at the edges. A symphony of color to the eye, a rhapsody to the taste, as each festive, melting morsel goes trickling down a surprised and delighted gullet-with a case of cramps lying in wait if you go too far. But never mind, Death, where is thy sting if we can shuffle off blissfully with our features buried fathoms deep in a home grown mush melon!"

Anyone can have this delightful experience by ordering some of our Special Strain of genuine Vick's Irondequoit which has been constantly improved by selection and is now better than ever. Per packet, 15 cents.

Brighton, Maine, Jan., 6th, 1922

I am 16 years old. Last Spring I bought some Irondequoit Muskmelon seed. Some I planted in the open ground the last of May. I had 98. Every melon was perfect and everybody that I sold to or who ate one said that these were by far the best of any melons they had ever eaten. Truly I never tasted such luscious, melting, juicy, sweet, melons in my life. Maine being the northernmost state of our Union, considering the climate, I think that they bore exceedingly well.

Your pleased customer,

Alan C. Dodge

Sodus Point, N. Y., March 6th, 1922.

Last year we had your Vick's Irondequoit Muskmelon and raised about 25 of the grandest melons we ever had just for our own use. Everyone who sampled them thought they were the best they ever ate.

Harrie J. Buys.

Indianola, Iowa, Jan., 30, 1922,

It will interest you to know I got Irondequoits from your seed last season weighing 9 1-2 pounds and the mayor, a college professor, and others said they were the finest they ever tasted.

W. H. Shipman

If you want the best all-around Muskmelon either for the home garden or for the market, plant Vick's Irondequoit

OTHER LARGE VARIETIES

Packet, 10 cts; oz., 20 cts; ¼ lb., 50 cts; lb., \$1.50. Except as noted.

Extra Early Hackensack. Very popular, producing large, handsome, extra early Melons of best quality. Flesh green; most delicious flavor.

Montreal Nutmeg. Fruit of the largest size, often attaining a weight of fifteen to twenty pounds. Shape nearly round, flattened at the ends, deeply ribbed; flesh remarkably thick, green, melting, and of the finest flavor.

Surprise. A medium to large size melon, oval, distinctly ribbed, and covered with patches of netting. When the fruit is mature it has a light yellow skin. Flesh is deep salmon in color and of very good quality. Vines are hardy and productive. Very popular with Market Gardeners.

The Bender. (Bender's Surprise) A very popular melon in Eastern Markets. Flesh is deep orange, thick, and deliciously flavored; rind is light green changing to golden tint when ripe, heavily ribbed and netted. Later than Irondequoit and more oblong in shape. The melons are uniformly large. Often weighing from 8 to 10 pounds with superior shipping and keeping qualities. The next best substitute for genuine Irondequoit.

Packed 10 cents, ounce 35 cents, ¼ lb. 75 cents, pound \$2.00.

MEDIUM-SIZED VARIETIES

Packet, 10 cents; oz. 20 cents; ¼ lb., 50 cents; lb. \$1.50.

Vick's Prolific Nutmeg. Vines hardy, vigorous. Fruit medium size, round, slightly flattened at ends, ribbed, with distinct netting; flesh green, thick, solid, delicious, spicy flavor. One of the best for the home garden.

Osage, or Miller's Cream. A remarkably fine variety, of medium size, oval, dark green, handsomely netted, slightly ribbed. Flesh uniformly thick, of firm texture, rich salmon, highly flavored and delicious to the rind. Cavity very small. Good keeper and shipper.

Burrells Gem, Pink Flesh. This is a splendid melon of the Rocky Ford type but much larger and a few days later. The fruit is oblong, distinctly ribbed and heavily netted. A splendid variety for either the home or market garden.

Extra Early Knight. (Sweet Air) An extremely early medium sized melon of recent introduction. The fruit is oblong, distinctly ribbed and handsomely netted. The flesh is thick and very sweet. Color medium green blending to light pink at the center. This is the earliest high quality melon for the northern grower and it is bound to grow in popularity as it becomes better known. It is also an excellent shipper. It is a splendid variety for the home garden as well as a popular sort for those who grow for market.

MUSKMELON, con'd

SMALL VARIETIES

Packet; 10 cents; oz. 20 cents; ¼ lb. 50 cents; lb. \$1.50.

Rocky Ford. (Netted Gem) This is the most popular of the small Melons being extensively grown and shipped in car-loads for the markets. It is one of the finest early Melons, and one of the best for market gardeners and shippers as well as for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind.

Emerald Gem. Small to medium, globular in form, flattened ends; skin smooth, slightly ribbed. Flesh thick, ripening close to the rind, deep rich, salmon color, deliciously flavored and of superior quality.

Jenny Lind. Extra early. One of the oldest. Fruit small, round, flat on both ends, deeply lobed, and finely netted. Flesh green and luscious. Comes into market first of all.

HONEY DEW MELON a Casaba

Packet, 10 cents; ½ oz., 25 cents; oz., 40 cents; ¼ lb., 65 cents; lb., \$2.00

A new winter melon which begins to ripen in July and continues bearing and ripening all summer and fall until frost comes. The melons picked late in the season can be stored in a cool house or cellar and will ripen slowly, so that they can be marketed from time to time until late in January or early February. The rind is thin but very tough; of greenish-yellow color, without netting. The deep, aromatic flesh is emerald green in color and honey sweet.

MUSHROOMS

Hongo, Span.; Fungo pratajolo, Ital.

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50° to 60°. If the temperature is right, in six or eight weeks you may expect the first crop of Mushrooms. One Brick of spawn is enough for a bed 3x3 feet. Directions sent with each order.

"New Culture" Spawn. Positively fresh, pure virgin spawn. The material from which these bricks are made is "spawned" directly from heavy, meaty mushrooms. Bricks, 35 cents each, postpaid.

5 bricks, \$1.25; 10 bricks, \$2.25, by express, charges not prepaid.

Bottled Mushroom Spawn. The latest and by far the best method of propagating Mushrooms. It is far superior in every way to the old-fashioned brick spawn and as it becomes better known it will without doubt be used to the exclusion of all other kinds of spawn. One bottle covers about 40 square feet. Per bottle, \$1.75, postpaid.

For books on Mushroom growing see page 111.

MUSTARD

Vick's Giant Southern Curled Mustard. Highly prized in the South as early "Greens" or salad.

Packet, 5 cents; oz., 10 cents; ¼ lb., 30 cents; 1 lb., \$1.00.

Chinese Mustard. Larger and more rapid growing than Giant Southern. Crisp and tender, mild, comparatively free from bitter flavor and growing in popularity wherever used. Pkt, 10c.; oz., 20c.; ¼ lb., 50c.; 1 lb., \$1.00.

OKRA or GUMBO

Gombo, Span.; Ocra, Ital.

A large, vigorous, tender plant, cultivated in the South for its young seed pods, which are very nutritious, and are used in soups, stews, etc., and especially for making gumbo soup. Should be more generally grown in the North wherever it is warm enough for Sweet Corn. About the last week in May sow seed thinly, in drills one inch deep and three feet apart. When well up, thin the plants out to one foot apart in the row. Gather the pods when quite young (about an inch and a half long), before woody fibre is formed. One ounce of seed will sow fifty feet of drill.

White Velvet (White Creole).

Pods round, smooth, much larger than other sorts; produced in great profusion.

Packet, 10 cents; oz., 15 cents; ¼ lb., 35 cents; lb., \$1.00.

Perkin's Mammoth Long

Pod. A dwarf but enormously productive variety. Pods long, slender, deep green, and remain tender much longer than most sorts.

Packet, 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Tonawanda, N. Y.

Dec. 9, 1922

I am enclosing an order for another bottle of your mushroom spawn. The bottle I received last August is growing lovely. From Nov. 2, I have picked 18 lbs. out of 20 square feet and there are about three buttons now in sight. R. A. Noble.

WATERMELONS

Zandia, Span.; Melone d aqua, Ital.

WHAT delightful memories the mere mention of Watermelon brings up. What risks would any real live healthy boy (or old boy either) not take for the chance to sink his teeth into a slice of sweet juicy Watermelon. Think of the joy of having a patch in your own garden. Almost any of the varieties below would suit. Try at least a packet this year and you will be surprised at the results.

Plant in hills eight or ten feet apart. The same culture recommended for Cucumbers will insure success. One ounce of seed will plant thirty hills, and four pounds an acre, with hills eight to ten feet apart. Allow three or four plants to remain in each hill.

Packet, 10 cts.; oz., 20 cts; ¼ pound, 40 cts.; pound, \$1.25.

Sweet Heart. One of the best varieties for the home garden. Large size nearly globular in shape; skin a bright mottled green; rind thin; flesh bright red, firm, and solid to the center; heavy, but crisp, melting, and exceedingly sweet. Early, a good keeper, and improves in quality for a long time after ripening.

Cole's Early. The earliest Watermelon. Best for the amateur. It is not only the earliest variety in cultivation, but continues to bear enormously throughout the season. The fruit is nearly round; rind thin and brittle; flesh deep red and of extremely delicate texture, sweet, juicy, and delicious.

Kleckley's Sweets. The fruit is oblong in form, 18 to 20 inches long and ten to twelve inches in diameter; skin dark green; flesh bright red, extremely sweet, melting, and luscious. Ripens close to the rind.

Vick's Early. A melon prized for the home garden or market. Oblong in shape, smooth, with a very dark skin, rather small in size; flesh bright pink, solid, and sweet. Vines strong, bearing freely, thus making it a desirable variety for the home garden, and the market.

Ice Cream or Peerless. The old but extremely popular home market Melon. Medium in size, almost round; the skin a pale green; flesh bright scarlet, fine-grained, solid to the center, sweet, crisp, and melting.

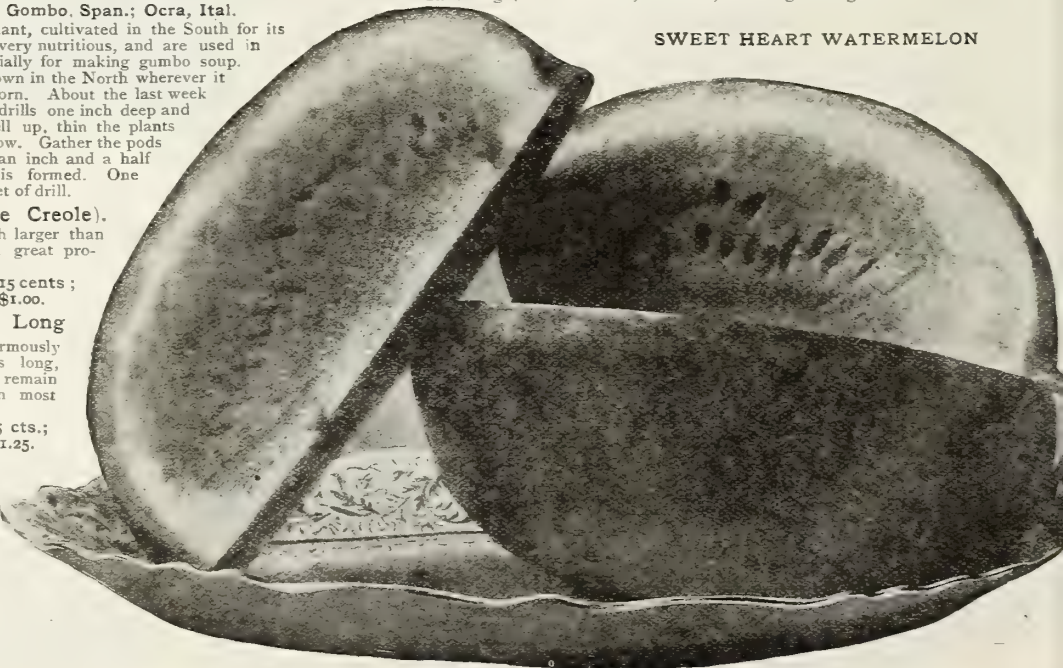
Georgia Rattlesnake. One of the largest varieties, and stands shipping long distances. Fruit of good size, oblong in form, distinctly striped and mottled; flesh bright scarlet and of excellent quality.

Citron. For Preserves. This variety grows uniformly round and smooth. It has a handsomely striped and marbled skin of light green. Used only for preserves and pickles, and not for eating in the raw state.

Prize Jumbo. Immense in size. The common weight of this Melon is sixty to eighty pounds. The rind is hard and firm, which makes it a superior variety for long-distance shipping. In shape it is nearly round; color solid dark green; flesh deep red and of fine quality.

Tom Watson. The most popular melon on the market. There are more "Watson" melons shipped from the South than all other melons combined. Rind tough, medium thick, flesh red, fruit long dark green.

SWEET HEART WATERMELON



VICK'S PRODUCTIVE PEPPERS

Pimiento, Span.

Peperone, Ital.

Modern high bred Peppers are deservedly growing in popularity among cooking experts for seasoning for pickles, sauces, and various vegetable dishes. Sow seeds in a hotbed, or in a box in the house, where a temperature of 75 degrees can be maintained. Transplant when three inches high. One ounce of seed will yield about 1,000 plants.

Packet, 10 cents; ½ ounce, 35 cents; ounce, 55 cents; ¼ pound, \$1.75.

Vick's Giant Red. A magnificent new variety. Combines the size, mildness and beauty of the Chinese Giant with great productiveness.

Chinese Giant. Immense Pepper of a brilliant scarlet color. The flesh is unusually thick and very mild, having none of the pungency of most of the older varieties. The plant is about two feet high and of strong vigorous growth.

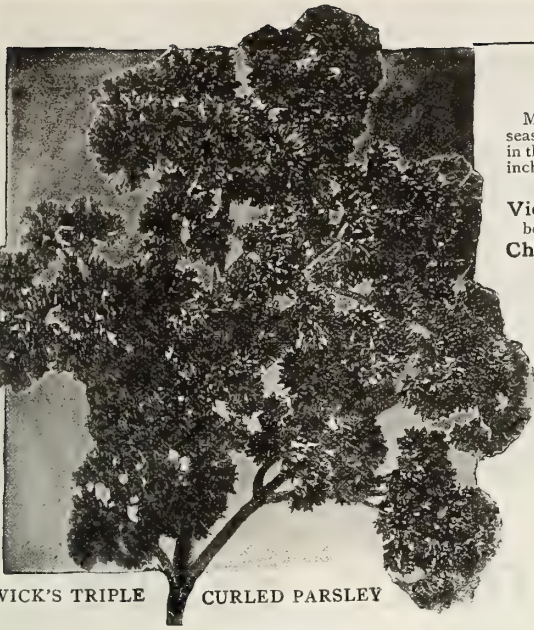
Large Bell, or Bull Nose. Very large, nearly four inches long and three inches in diameter; glossy red. Excellent for use in salads and pickles.

Ruby King. A handsome and very productive variety. Fruit from four to six inches long by three and a half to four inches broad; remarkably mild and pleasant. When ripe they are a bright ruby red.

Pimiento. A sweet pepper. One that you will enjoy eating in salads, either fresh or canned. Market gardeners and canners are planting Pimiento extensively, A home garden favorite.

Sweet Mountain or Mammoth. Much like the Large Bell, but larger and milder. Fruit thick and sweet. Fine for making stuffed mango pickles.

Red Cluster. A distinct and beautiful variety bearing a profusion of bright scarlet fruit in clusters in an upright position. Hot and pungent. Just the thing to season pickles.



VICK'S TRIPLE CURLED PARSLEY

PARSLEY

Perejil, Span.

Prezzemolo, Ital.

Because of its pleasant flavor, the leaves of Parsley are used extensively as a garnish with other vegetables, either in cooked dishes or salads. Parsley seed germinates very slowly. For outdoor growing soak the seed in hot water for twenty-four hours. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Since Parsley lives through the winter, seed may be sown in the autumn for early spring use. One ounce will sow 150 feet of drill.

Packet, 5 cents; oz., 15 cents; ¼ lb., 45 cents; lb., \$1.25.

Exquisite Moss Curled. A new variety of great merit. Rich dark green, finely cut and crimped.

Champion Moss Curled. A compact growing, very ornamental plant. Leaves a bright green color, finely crimped and beautifully curled.

Vick's Triple Curled. A handsome compact sort. Fine for market or private garden; leaves bright pale green; extra curled and crimped.

Beauty of the Parterre, or True Emerald. A distinct shade of green; leaves finely cut and densely curled. Dwarf and spreading. Very fine.

Fern-Leaved. Beautiful in form and color; valuable for garnishing and also as an ornamental foliage plant for borders of beds.

Hamburg or Turnip-Rooted. The roots resemble a small Parsnip and are the edible portion of this variety. Used for flavoring soups, etc.

PARSNIPS

Chirivia, Span.

Pastinaca, Ital.

Because of their delicious flavor, and the ease with which they can be kept fresh throughout the winter, Parsnips are among the most popular of winter vegetables. Seed should be sown in moderately rich, well-prepared soil. As the seed germinates and plants develop slowly, weeds must not overrun. In the late fall, before the ground freezes, remove enough roots for winter use to the root cellar and pack in sand. The remaining Parsnips can be left in the ground through the winter for use in the early spring, when fresh vegetables make a strong appeal to the palate. Sow seed as early as possible, in drills from fifteen to eighteen inches apart, and about half an inch deep. One ounce will sow 200 feet of drill.

Packet, 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., \$2.25.

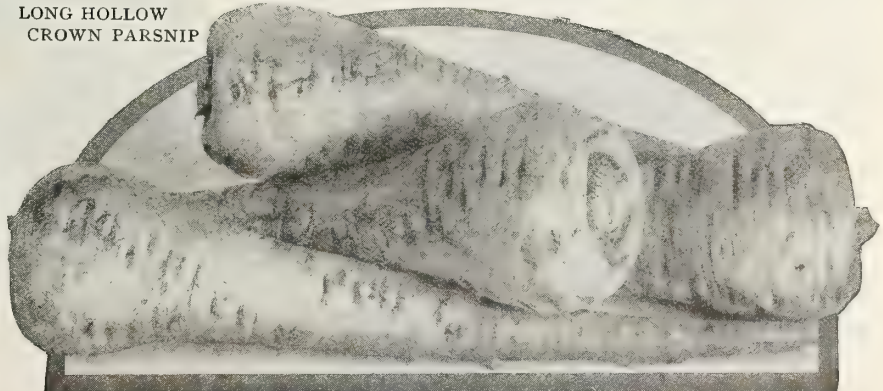
Elcombe's Giant. A new Parsnip having the good qualities of Hollow Crown but smoother, not so long; much thicker at the shoulder.

Long Hollow Crown (White Dutch or Sugar). The old standard, and one of the best for general use. Long, smooth, tender and sugary; very hardy.

Improved Guernsey. Half-long. The roots are larger in diameter and easily gathered; smooth, fine-grained, and of excellent quality.

Harris Model. An improved type similar to Hollow Crown but smooth and larger.

LONG HOLLOW CROWN PARSNIP



BULL NOSE

RUBY KING

PIMENTO

Golden Dawn or Queen. The largest, most productive, and finest of the yellow-fruited peppers. The beautiful golden-yellow fruit is borne in great profusion on erect vigorous plants. It is very meaty mild and strictly sweet. The golden yellow color makes an attractive contrast with the red peppers and suggests many ways to the resourceful housewife of making up tempting salads and dishes of various kinds.

Long Red Cayenne. Beautiful and productive. Fruit slender, long bright red, pointed pod; flesh thick and pungent.

Small Red Chili. Used extensively for flavoring pickles. The small bright red, very hot pods are fine to dry for winter use.

Neapolitan. Earliest of all large, mild, red peppers. Plants are very strong and thrifty, they grow 24 to 30 inches tall and 18 to 20 inches across and are enormously productive. Flesh thick, sweet and tender.



30

ELEVEN THOUSAND BUSHELS DANVERS YELLOW GLOBE ONIONS A MONEY MAKING CROP

VICK'S SELECTED ONION SEEDS

Cebolla, Span.

Cipollo, Ital.

THE ONION is one of the most wholesome foods known and is probably more often used by the house-wife than any other vegetable. It can be used in so many different ways, especially in connection with other foods and for seasoning, that it is one vegetable which is absolutely indispensable in any household. Physicians agree that the free use of Onions as a food is healthful and a beneficial stimulant to the system. It is relished by nearly everyone and for that reason always finds a ready market.

Onions are not hard to grow. They like a good clean, rich soil. If your soil is rather poor, be sure to fertilize liberally with well-rotted manure or commercial fertilizers. Sow as early in the Spring as possible in drills a foot apart and one-half inch deep. When three inches high, thin to two inches apart. Keep the soil mellow and free of weeds. One ounce will sow 100 foot drill. Five pounds to an acre.

Special prices to commercial growers will be quoted on application.

Large Red Wethersfield. The standard red, and, owing to its productiveness, the most profitable for the market gardener. Form somewhat flattened, skin a deep purplish red, flesh purplish white. The magnificent large solid Onions are as mild in flavor as many varieties of lighter coloring. It has splendid keeping qualities, and may easily be held for winter uses. The best variety for poor or dry soil.

Packet, 10 cts.; $\frac{1}{2}$ oz., 20 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 85 c.; lb., \$2.25.

Mammoth Prize Taker. Genuine seed of this variety produces handsome, large, yellow, globe Onions. We have the seed specially grown for us. Our *American Grown Seed* produces bulbs enormous in size, and the yield per acre is larger than that of any other variety. While not so good a keeper as our Yellow Danvers, it is a valuable sort for immediate or early fall use. The skin is of a rich yellow straw-color; flesh white, sweet, mild and tender.

Packet, 10 cts.; $\frac{1}{2}$ oz., 20 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 80 c.; lb., \$2.00.

Large Yellow Dutch or Strasburg. This variety is one of the old standard sorts. It is flat, white-fleshed, fine grained and mild. It ripens early, makes good size Onions, is exceedingly productive and a good keeper. A popular sort for growing sets, the product being round, bright and smooth.

Packet, 10 cts.; $\frac{1}{2}$ oz., 20 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$1.75.

Australian Brown. Distinct from all other Onions; uniform in size and shape; wonderfully hard and solid, and will keep almost indefinitely. Ripens extremely early. It is of medium size, round, with skin of a deep amber-brown; flesh mild and agreeable.

Packet, 10 cts.; $\frac{1}{2}$ oz., 20 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 80 c.; lb., \$2.00.

Extra Early Flat Red. The earliest of the red sorts, coming into use from ten days to two weeks earlier than the Red Wethersfield. It is adapted to cold, damp, mucky soils where other varieties fail to produce large-size Onions. It is very productive, keeps well, and has a mild flavor.

Packet, 10 cts.; $\frac{1}{2}$ oz., 20 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 85 c.; lb., \$2.25.

I know we will have a good garden with Vick's seeds. Many years ago when I was the gardener at our home, Vick's seeds were all right. I sowed them for a good many years, and always had the best success,

Charles City Ia., March 5 1921.

Mrs. M. Schmidt

First I must say that the seeds we had from you last year resulted in a successful crop despite the fact that our land had never been cultivated before. I want to say also one for your edible pod peas, the consensus of opinion is that they are wonderful.

Glencoe, Ill., July 25, 1921.

Mrs. Andrews Allen.

Market gardeners will be very much interested in our List of Special Prices of Vegetable Seeds on page forty-two



LARGE RED WETHERSFIELD

Vick's Own Selected Strain

Danvers Yellow Globe Onions

Successful onion growers use this strain in preference to all others. The seed is *Northern grown*, and therefore adapted to growing in any section or climate. This variety is the standard in the eastern markets both for local use and shipping. It produces bulbs of usable size early in the season, so that it is a profitable variety all summer. The globular shape and the satiny-yellow skin make it attractive in appearance at all times. It is an extremely hard and solid variety. The bulbs average fully three inches in diameter; the flesh is pure white, crisp and tender, while the flavor is sweet and mild. It is a sure cropper, which fact combined with its other characteristics makes it one of the best and most popular sorts, both for home use and for market.

Packet, 10 cents; $\frac{1}{2}$ oz., 20 cts; 1 oz 35 cts.
 $\frac{1}{4}$ lb, 85 cts. lb. \$2.25

Onion Sets

Onion sets should be planted as early as the ground is in condition to work, in rows 12 to 15 inches apart, with sets two inches apart in the rows. Green Onions for bunching come in very early, while the crop of large bulbs matures very much earlier than if grown from seed.

Yellow Bottom Sets. Pound, 35 cts.; 8 lbs., \$1.25; 32 lbs., \$3.50

White Bottom Sets. Pound, 40 cts; 8 lbs., \$1.50; 32 lbs., \$4.25.

At single pound prices we prepay postage.

Larger quantities, by freight or express, collect. If wanted by parcel post add postage according to rules on page 42.

Special prices to large growers.



Egyptian or Top Onion Sets (Perennial)

The young sets of these are produced on top of the stalks. As they cannot be kept out of ground over winter they must be planted in the fall; therefore, orders for them should be given in the spring for delivery the next autumn. When once set out, they will come up year after year as soon as frost is over. They need no protection, grow rapidly, and are very productive.

Pound, 20 cents. prepaid; 8 lbs., 90 cts.; 32 lbs., \$3.25, not prepaid.

Vick's own selected strain of Danvers Yellow Globe Onion



A basket of Onions
 grown C. H. Ward
 & Co., Sodus, N. Y., from Vick's Own
 Selected Strain of Danvers Yellow Globe
 Onions, good specimens of Vick Quality

Italian Onions

These Onions have come into general favor with astonishing rapidity. A few years ago they were grown only as a fancy garden crop; today they are planted extensively for market and have proven to be very profitable. Italian Onions grow rapidly and attain a very large size in a short time. In addition they are of perfect, uniform shape, exceedingly handsome in appearance, and of the best quality. The flavor of the Italian sorts is mild, delicate, pleasing, and well adapted for all culinary purposes. For eating raw, they are unquestionably greatly superior to all other varieties because of their mild flavor. Seed should be sown thicker than that of the American sorts.

Crystal White Wax Bermuda. This variety from the Canary Islands, is a large, pure waxy white, flat Onion. It is very popular with large market growers in the South and Southwest. It does well in the North, and produces a very mild, sweet Onion.

Packet, 10 cents; $\frac{1}{2}$ oz., 30 cents; oz., 50 cents; $\frac{1}{4}$ lb., \$1.35; lb., \$4.00

White Portugal or American Silver Skin. A large flat white Onion of exceedingly mild flavor. It is a popular sort, and when young excellent for bunching or for pickles. It is also especially adapted for growing sets. Packet, 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., 90 cts; lb., \$2.50

Mammoth White Garganus, or Silver King. This is mammoth in size, the largest onion in cultivation. The bulbs are very attractive in form, fine-shaped, flattened but thick, with a silvery white skin. The flesh is snow-white, fine-grained, exceedingly mild, and of pleasant flavor. It matures quite early.

Packet, 10 cents; $\frac{1}{2}$ oz., 20 cents; oz., 35 cents; $\frac{1}{4}$ lb. 80 cents lb., \$2.00

White Queen or Extra Early Barletta. This is an extra early, very small, round, hard, and handsome variety. The color is a beautiful waxy white; flavor mild and delicate. It is the Onion used in all famous pickle factories in our own country. A favorite for the home garden, as bulbs grown from seed will mature as early as those raised from the ordinary Onion sets. The best variety for pickling.

Packet, 10 cents; $\frac{1}{2}$ oz. 25 cents; oz., 40 cents; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00

White Bermuda (Teneriffe grown). The Bermudas are the earliest Onions in the market, and are grown extensively in the South. Outer skin straw color, flesh pure white.

Packet, 10 cents; $\frac{1}{2}$ oz., 25 cents; oz., 40 cents; $\frac{1}{4}$ lb., 90 c.; lb., \$2.50.

Red Bermuda. Similar to the white, but with red skin.

Packet, 10 cents; $\frac{1}{2}$ oz., 25 cents; oz., 40 cents; $\frac{1}{4}$ lb., 90 c.; lb., \$2.50.

The Oldest Mail Order Seedhouse in America
 leads all other main crop kind. A money-making kind.

Vick's Garden Peas

SOW PEAS as early in the spring as the ground can be worked, in drills about four inches deep. The rows must not be nearer than two feet, except for the dwarf sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pound will sow forty feet of drill; 120 pounds for an acre, in drills three feet apart.

EXTRA EARLY VARIETIES

At prices below we prepay postage.
For lower prices on larger quantities, see page 42.

Thomas Laxton The Leader of the Extra Early.

This Pea outranks all other extra early wrinkled varieties in hardiness and productiveness. It has all the delicious sweetness of the Gradus; the pods are large and shapely, of a rich, dark green color, and filled from end to end with seven or eight very large white-seeded, wrinkled sugar peas, the flavor of which is unsurpassed by any other Pea in cultivation. Vines are strong and hardy and from three to three and one-half feet high. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

Vick's First Choice. In season the earliest, next to Carter's Early Eight Weeks. Vine is semi-dwarf and very prolific; pods large, handsome, dark green, well filled; peas large, sweet, slightly dimpled. This pea has all of the delicate flavor and desirable qualities of the later maturing wrinkled varieties. Pkt., 10c.; ½ lb., 25c.; lb., 40c.

Carter's Early Eight Weeks. A new pea developed in England. By far the earliest grown coming into picking condition before any of the other extra earlys. It bears large well filled pods on very dwarf, but vigorous vines, twelve to sixteen inches high. Especially desirable for the home gardener who wants peas earlier than any of his neighbors. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

Alaska. A well known standard smooth green pea, very popular in many sections because it stands early planting and ripens early and evenly. In quality it is not equal to some of the newer varieties. Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents.

Vick's Selected Extra Early. A Specially Selected Strain, unsurpassed either for market or family use; of good quality; unusually productive for so early a variety. The pods are well filled, and the entire crop may be gathered generally at one picking. The ripe peas are smooth yellowish white. The earliest of this type. Vines two and one-half feet high. Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents.

Gradus (Prosperity). As an extra early Pea, the Gradus, being a sugar Pea, is far superior to all smooth varieties, not only in its delicious quality, but also in the size of the peas and of the pods. The vines, which have heavy stems with large green leaves and grow three feet high, produce uniformly large pods, measuring four and one-half inches in length, nearly round, and well filled with very large, handsome peas of the finest flavor. The peas remain tender and sweet for some time after they are large enough to use. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

Early Morn. A new variety which is becoming immensely popular. To gardeners who are acquainted with Gradus and know its splendid qualities, it will be sufficient description of Early Morn to state that it is superior to Gradus in productiveness and two or three days earlier. Packet, 10 cents; ½ lb., 25 cents; lb., 40 cents.

Surprise. One of the earliest wrinkled Peas in the market. Vines grow about two feet high; pods well filled, containing about six or seven peas. Very desirable for those who require an extra early sweet and tender garden pea. Its delicate flavor will please the most fastidious. Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents.

Worlds Record. A wonderful new sugar Pea, earlier than Gradus which it resembles in size and flavor, vines two feet high, pods 3½ inches long containing seven to nine very large dark green peas of exceptionally fine flavor. Worlds Record is unusually productive for an early variety and indispensable in the home or market garden. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

EARLY VARIETIES

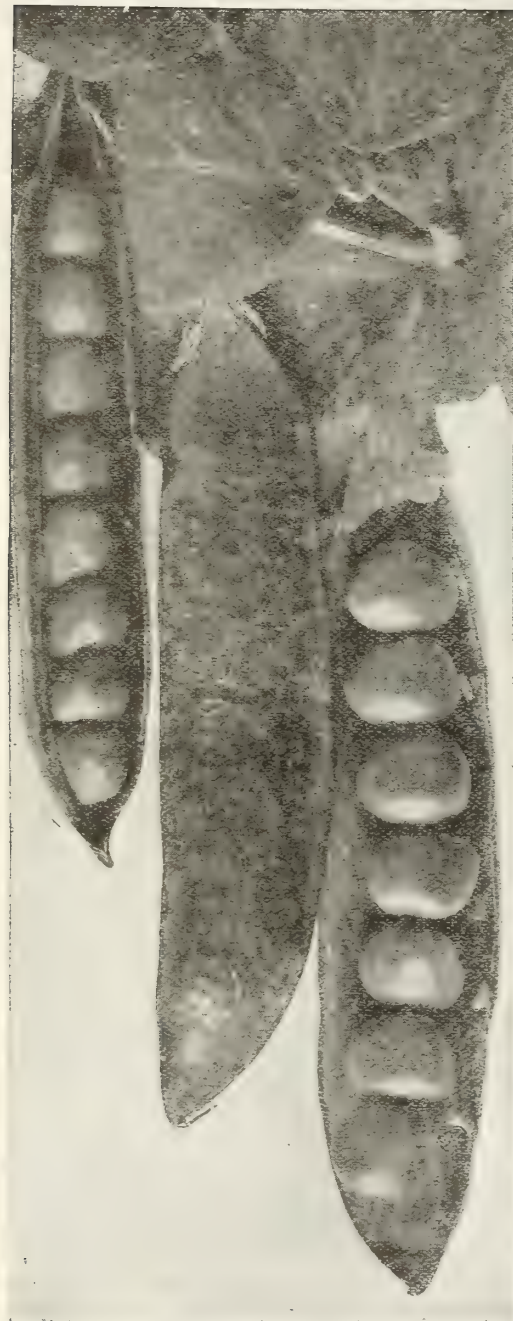
At prices below we prepay postage.
For lower prices on larger quantities see page 42.

Little Marvel. An English variety that has come to stay. In fact, it is conceded by those who have grown it, to be one of the best dwarf earlys on the market. When better known it will supercede many other dwarf early sorts. Its strong points are its tendency to bear large crops, and its high quality. It is almost as early as American Wonder or Nott's Excelsior; vines dwarf, growing about fifteen inches in height, heavily set with pods three and one-half inches in length, filled with six to seven large, dark green peas. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

Nott's Excelsior. An extra early dwarf, green, wrinkled sort. The peas are superior in sweetness and quality, the vines fully as large and vigorous as American Wonder and the yield in shelled peas fully as large. Pkt., 10c.; ½ lb., 25c.; lb., 40c.

American Wonder. One of the very best of the early wrinkled Peas; bearing large, well-filled pods. The vines are ten to twelve inches high, and of robust habit. A fine variety for the home garden. Pkt., 10c.; ½ lb., 25c.; lb., 40c.

Extra Early Premium Gem. An improved Little Gem, another extra fine dwarf Pea. Many consider it equal to either Nott's Excelsior or American Wonder. Vines 10 to 15 inches. Very productive; pods large and peas of excellent quality. An old favorite. Packet, 10 cents; ½ lb., 20 cents; lb., 35 cents.



LAXTONIAN

Laxtonian A new dwarf Pea, having the same high quality as the Thos. Laxton and Gradus. The vines are about twelve inches high and when in bearing are filled with immense dark-green pods containing eight or nine large peas. It is but a few days later than the early sorts, but is classed as a second early. It is productive, the pods so large and well filled, and the quality so good that it is deserving of a place in every home garden. Packet, 10 cents; ½ lb., 30 cents; lb., 45 cents.

Last year June 15th, a picked a bushel of Peas from a double 50 foot row. I inoculate seed and use lime as directed. The quality of Thomas Laxton Peas was excellent. I raise all my vegetables used in The Old Home and our garden is lovely besides.
Girard, Pa. Mar. 28, 1922. Mrs. C. M. Hutchinson.

Try the new Pea, Carter's Eight Weeks, positively the earliest variety yet developed. Of excellent quality and flavor.

MID-SEASON VARIETIES

At prices below we prepay postage.

For lower prices on larger quantities see on page 42.

Alderman. A valuable early main crop variety, yielding heavy crops of large, dark green pods, well filled with large peas of the best quality. A splendid market gardeners' variety. Vines four to five feet high.

Packet, 10 cents; $\frac{1}{2}$ lb., 30 cents; lb., 45 cents.

Abundance. Remarkably productive. Vines one and a half to two feet in height; pods three inches long; peas large, wrinkled, of superior quality.

Packet, 10 cents; $\frac{1}{2}$ lb., 20 cents; lb., 35 cents.

Everbearing. A fine wrinkled sort, about thirty inches high; very robust, bearing heavy crops of large, well-filled pods; peas of excellent flavor. Owing to its branching habit, the peas may be sown thinly.

Packet, 10 cents; $\frac{1}{2}$ lb., 20 cents; lb., 35 cents.

Boston Unrivaled. One of the best medium Peas, recently bred up from a strain of the well known market gardeners' favorite, Telephone. Every pod contains seven to eight large, plump peas. It is also very productive. Vines grow four to five feet high, covered with large pods about five inches long and three-fourths of an inch wide. The peas are tender and of excellent flavor.

Packet, 10 cents; $\frac{1}{2}$ lb., 30 cents; lb., 45 cents.

Telephone. A fine, tall, wrinkled variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. It is decidedly a market garden Pea, filling a basket quicker than any other variety. Vines four feet.

Packet, 10 cents; $\frac{1}{2}$ lb., 30 cents; lb., 45 cents.

Vick's Daisy. The Daisy is a second early Pea of robust habit; the vines grow about two feet in height, bearing an abundance of well-filled pods containing seven to nine large and deliciously flavored peas. It is one of the finest early green wrinkled Marrow Peas in cultivation. Sturdy and branching in habit, requiring no stakes, coming early and remaining late in profitable productiveness, giving green peas of considerable size and of best quality, it is one in the very front rank.

Packet, 10 cents; $\frac{1}{2}$ lb., 30 cents; lb., 45 cents.

MAIN CROP VARIETIES

At prices below we prepay postage, except as noted.

For lower prices on larger quantities see page 42.

Admiral Dewey. A fine main crop variety. Very productive; bearing enormous pods of large sugar Peas. Vines about three and one-half feet.

Packet, 10 cents; $\frac{1}{2}$ lb., 30 cents; lb., 45 cents.

Improved Stratagem. This is one of the best of the large podded sorts; vigorous, productive, and of exceedingly fine quality; a favorite with market gardeners everywhere. Vines two to two and one-half feet high.

Packet, 10 cents; $\frac{1}{2}$ lb., 25 cents; lb., 40 cents.

Champion of England. A handsome variety, popular everywhere. One of the richest and best-flavored green wrinkled Peas. Five feet in height.

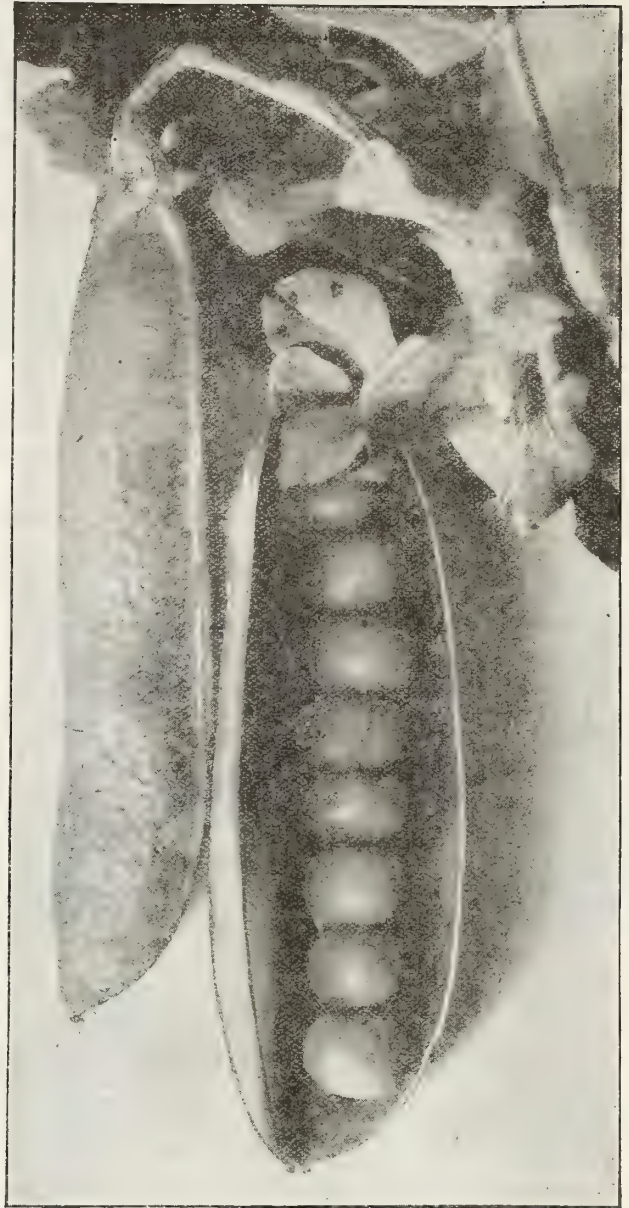
Packet, 10 cents; $\frac{1}{2}$ lb., 30 cents; lb., 45 cents.

Large Black-Eyed Marrowfat. Well-filled pods. Four feet tall.

Packet, 10 cents; $\frac{1}{2}$ lb., 15 cents; lb., 25 cents.

Large White Marrowfat. Like the Black-Eyed Marrowfat, extensively grown as a field crop. Pkt., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 30 cts.

Canada Field. Possess high value for hay, for green fodder, and for seed grains for all kinds of stock. Postpaid 1 lb., 25 cts.; Charges not prepaid, 2 lbs., 30 cts.; 15 lbs., \$1.80; 60 lbs., \$6.00. Subject to market change



VICK'S DAISY

EDIBLE POD VARIETIES

Packet, 10 cents; $\frac{1}{2}$ lb., 30 cents; lb., 45 cents. Postpaid.

For lower prices on larger quantities see on page 42.

Dwarf Gray Sugar or Edible Pod. This is a hardy variety and can be planted much earlier than beans. Vines are dwarf and very prolific.

Pods gathered when young and cooked whole the same as snap beans make a very appetizing dish. These peas are equal to the best snap beans. Are ready for the table earlier than any green vegetable dish with the exception of spinach and perhaps asparagus. Give it a trial in your garden this Spring.

Melting Sugar. This variety is used either shelled or cooked in the pod, like snap Beans, and when young is very tender and sweet. It is but little known in this country, while abroad it is considered a great relish.

We got all our garden seeds of your firm this year and they are up and growing just fine. Our peas (Thomas Laxton and Telephone) are especially nice.

Austin, Pa.

MR. MORRIS T. DAWSON.



GRADUS OR PROSPERITY PEAS (See page 32)

Enjoy peas of first quality all summer by planting main crop varieties to succeed the early ones



Harvesting a crop of Green Mountain Potatoes in young orchard on one of our farms.

34

VICK'S SEED POTATOES

If you want a heavy crop of Potatoes of good quality use special care in the seed you plant. Our seed Potatoes are grown from certified or very carefully selected stock grown under ideal conditions. Only Potatoes that are free from disease and true to type are used.

Any of the varieties below except certified stock by mail or express prepaid 3 lbs., 35 cts.; 5 lbs., 55 cts.

All other prices quoted on this page, are f. o. b. Rochester, purchaser to pay freight or express, and are subject to market changes. We make no charge for packing. Prices on larger quantities on application.

We always ship Potatoes and other heavy goods by Freight, except when ordered sent by Express, or when the quantity is such that to send by Express is cheaper.

EXTRA EARLY VARIETIES.

Ohio Junior. This variety, while not of recent introduction, is one of the earliest, Potatoes cultivated, and on this account is prized by market growers. The tubers are oblong oval, round at the seed end, with full eyes that are almost even with the surface. An excellent keeper, very productive, of fine quality.

15 lbs., (pk.) 65 cts.; 60 lbs., (bu.) \$2.00; sack 165 lbs., \$4.95

Early Six Weeks. This is one of the earliest varieties ever produced. In spite of its earliness the yield is very satisfactory and the quality is excellent, color light pink, flesh very white and mealy.

15 lbs., (pk.) 65 cts.; 60 lbs., (bu.) \$2.00; sack 165 lbs., \$4.95

Bliss Triumph. The earliest potato grown. Round, bright red, handsome and productive. Resembles Irish Cobbler in size and shape.

15 lbs., (pk.) 70 cts.; 60 lbs., (bu.) \$2.25; sack 165 lbs., \$5.25

EARLY VARIETIES

Bovee. For an extra early this variety is one of the very best; almost as early as the Ohio and an exceedingly heavy yielder for an early Potato. A vigorous grower, good keeper, fine quality, good size, oval shape, skin slightly pink.

15 lbs., (pk.) 70 cts.; 60 lbs., (bu.) \$2.25; sack 165 lbs., \$5.25.

Early Rose. An old favorite early. One of the best for the home garden.

15 lbs., (pk.) 70 cts.; 60 lbs., (bu.) \$2.25; sack 165 lbs., \$5.25.

Irish Cobbler. An extra early, white, round Potato, Strong, vigorous grower. Yields well, fine cooking quality and one of the very best early sorts.

15 lbs., (pk.) 60 cts.; 60 lbs., (bu.) \$1.90; sack 165 lbs., \$4.85.

LATE OR MAIN CROP VARIETIES.

Vick's New Number Nine. An ideal late white potato, a heavy yielder resists blight, uniform in size, nearly round, excellent quality.

15 lbs., (pk.) 50 cts.; 60 lbs., (bu.) \$1.65; sack 165 lbs., \$4.50.

Rural New Yorker. One of the best known and most popular sorts in this locality. It is highly recommended for heavy yields and for excellent quality, the tubers are large, oval, white-skinned and mealy.

15 lbs., (pk.) 50 cts.; 60 lbs., (bu.) \$1.60; sack \$4.25.

Improved Green Mountain. This is a big improvement over the Green Mountain of ten years ago. We find it one of the most productive kinds on our farm. One of the best general crop varieties; round, white, excellent for eating. 15 lbs., (pk.) 55 c.; 60 lbs., (bu.) \$1.75; sack 165 lbs \$4.70.

Improved Russet. An extra fine strain of this excellent variety. Vines are vigorous and thrifty and resist blight and disease. Tubers are large, round, and skin a rusty white. It keeps exceptionally well late into the spring without sprouting.

15 lbs., (pk.) 55 cts.; 60 lbs., (bu.) \$1.70; sack 165 lbs., \$4.25.

We had wonderful results with our Irish Cobbler Potatoes this year. For a medium early potato this variety is unexcelled

Heavyweight. This new variety is increasing very rapidly in popularity because of its productivity and splendid quality. It is round, white and unusually heavy yielder. We have been greatly pleased with the results of this variety on our own farms.

15 lbs., (pk.) 50 cts.; 60 lbs., (bu.) \$1.60; sack 165 lbs., \$4.25.

Certified Seed Potatoes

The use of Certified Seed Potatoes is very strongly recommended by farm bureaus, granges and leading Potato growers and great improvement in yield and quality has resulted. Before Potatoes can be certified the fields must be inspected three times during their growth by experts from the Plant Pathology Department of the State Agricultural College and must be free from varietal mixture, show only a slight percentage of disease of any kind, must have a substantial yield and be carefully graded to standard sizes. Fortunately we can offer the following varieties of Certified stock this season. The supply is limited, so get your order in promptly:

New Number Nine, Rural New Yorker, Heavyweight, Russet.

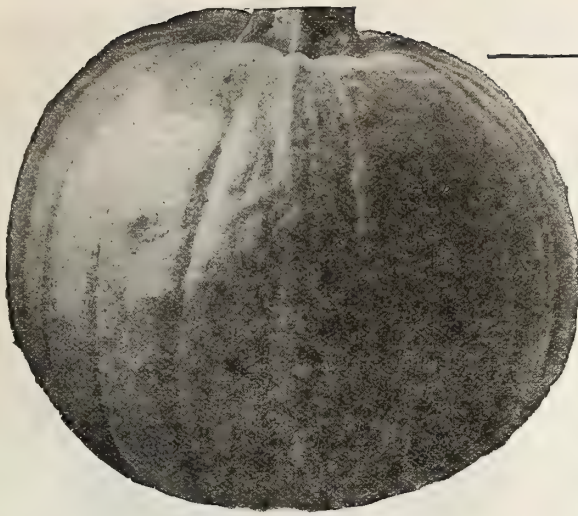
15 lbs., (pk.) 80 cts.; 60 lbs., (bu.) \$2.75; sack 165 lbs., \$6.50.

Irish Cobbler, Green Mountain,

15 lbs., (pk.) 90 c.; 60 lbs. (bu.) \$3.00; sack of 165 lbs., \$7.50



IMPROVED GREEN MOUNTAIN POTATO



PUMPKIN, SUGAR OR PIE

Vick's Pumpkins

Calabaza azúcar o pastel, Span.; Zucca, Ital.

Did someone say Pumpkin Pie? Prepare for this treat by growing Vick's Pumpkins in your garden. Easy to grow.

Plant in hills eight feet apart each way, any time after the middle of May. Avoid planting near other vine crops, as they will hybridize and damage the crop. One ounce will plant about twenty-five hills; four pounds an acre.

Packet, 10 cents; oz., 20 cents; $\frac{1}{4}$ lb., 40 cents;
lb., \$1.25; except as noted.

Winter Luxury. A medium-sized pumpkin, of very high quality. It is also a good keeper, wonderfully productive, and its finely netted skin and golden-russet color make it desirable for market use.

Large Sweet Cheese (Kentucky Field). Very productive. Shape flat; skin mottled light green and yellow, changing to a rich deep orange color; flesh yellow, thick, and tender.

Packet, 5 cents; oz., 15 cents; $\frac{1}{4}$ lb., 35 cents; lb., 85 cents.

Golden Oblong. A productive variety, oblong in shape, growing 16 to 18 inches long. Skin golden orange, thin and tough; almost as good a keeper as the hard-shell winter Squash. Flesh yellow, dry, and sweet; excellent.

Packet, 10 cents; oz., 25 cents; $\frac{1}{4}$ lb., 75 cents; lb., \$1.75

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. Fruit oblong skin mottled with green.

Tennessee Sweet Potato. Bell shaped, rather small but fine for pies. Flesh is thick, creamy white, of splendid quality.

Packet, 5 cents; oz., 15 cents; $\frac{1}{4}$ lb., 35 cents; lb., 85 cents.

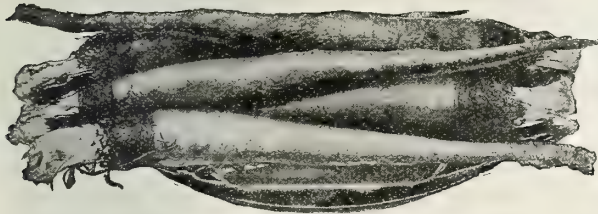
King of the Mammoths, or Jumbo. The largest of all Pumpkins. Round in shape, flattened at both ends. It is a splendid keeper, and valuable for stock feeding; also desirable for exhibition purposes.

Connecticut Field. The hardiest of all Pumpkins; cultivated mainly for stock feeding, producing enormous crops.

Cushaw, or Crookneck. A favorite sort of excellent quality.

Packet, 10 cents; oz., 25 cents; $\frac{1}{4}$ lb., 75 cents; lb., \$2.00

Sugar, or Pie. The Favorite for Pies. Small, round, handsome deep orange. Flesh fine grained, sweet and dry. Plants very productive.



MAMMOTH SANDWICH ISLAND SALSIFY

SALSIFY or Vegetable Oyster

Salsify blanco, Span.; Sassefrica, Ital.

Mammoth Sandwich Island. Salsify grows the same as parsnip and is one of the best and most nutritious of our vegetables. It has a most distinct oyster flavor and is delicious fried or served in Soups. It is a good remedy for indigestion; to preserve its medicinal value, boil whole, then peel, slice and prepare in your favorite way.

Packet, 10 cents; oz., 30 cents; $\frac{1}{4}$ lb., 75 cents; lb., \$2.25.

When ordering plants or shrubs remember that we prepay

Vick's Summer Asparagus Cut and Come Again Vegetable

Read the letters below from some who have tried it

One of the most delectable vegetables that has been introduced in years. Well worth a place in everyone's garden. All who have tried it pronounce it delicious.

The plant makes a strong growth, very much like that of the Summer Crookneck Squash. The oblong green fruit forms close down in the axils of the leaves. It should be cut when not more than four to six inches long. If the fruit is allowed to grow larger it loses its delicacy of flavor, and when one fruit is allowed to mature it checks the formation of any more fruit on that plant. Care should be taken in cutting not to injure the plant.

Cooked the same as Asparagus, either, whole or cut in small pieces without peeling. Especially delicious cut in small pieces and cooked with cream. It may also be sliced and fried or used as a salad.

Four or five hills is sufficient for a large family, as it may be cut almost every day until frost. Sown early it will fruit from the latter part of June until October. Plant in hills $3\frac{1}{2}$ to 5 feet apart. Seed may be sown from the latter part of May until July first.

Packet, 10 cents; ounce, 25 cents.



SUMMER ASPARAGUS

The Summer Asparagus
Tho' new is delicious
Will be liked by all
And found most nutritious

May be canned by "cold process"
In the winter to eat
And all those who try it
Will think it one big treat.

It is very nice eating
When large or when small
Its very prolific
All summer and fall

E. B. FREEMAN
So. Manchester, Conn.

The seeds we bought of you last spring came up fine and we have a fine garden this season.

We have some of the Summer Asparagus and enjoy it very much, much more than any Summer Squash and we have canned some of it.
S. Manchester, Conn. E. BYRD FREEMAN

I want to thank you for your recent letter as to the culture of Summer Asparagus. I am delighted to say that the Summer Asparagus has now fruited, and I have sent it to three neighbors who were greatly pleased. With full appreciation of your interest, I am,

Greenwich, Conn., Aug. 29 1921. Very truly yours,
Miss Gail Treat.

"I have used the Summer Asparagus for the last two years and think it fine. Gave my neighbor the vegetable and they all think it great."

Batzel, Mont., Apr. 29, 1922. Mrs. Geo. T. Sandon.

You say of the Summer Asparagus "Delectable Vegetable" etc. etc. After watching the most interesting plants grow and expand themselves for some months, we are now "proving the pudding" as it were and one says "Delicious" - another "perfectly lovely" - a third "Perfectly delicious", and so on.

Clocks Hill, Romney, Ind., July 3 1921. H. T. Meigs,
The Express or Parcel Post east of the Mississippi River

VICK'S RADISHES

Rabano, Span.

Ravanello, Ital.

The Radish is a popular vegetable which makes an excellent relish, and should have a place in every garden, whether planted for home or market purposes. For early use seed should be sown in the hotbed, in drills, three to four inches apart and half an inch deep. For open ground sow as early as weather conditions permit. Winter Radish should be sown about the middle of the summer, as it makes its best growth in autumn. One ounce will sow 100 feet of drill; ten pounds to the acre.

All varieties, except as noted. Pkt., 10 c; oz., 20c; ¼ lb., 50c; lb., \$1.00.

Vick's Three Weeks Radish A Forcing Radish of Great Value

Vick's Three Weeks Radish is entirely distinct from any Radish heretofore offered. As an all-around Radish we do not think it can displace Vick's Scarlet Globe; but it has distinctive value in that it can be grown, ready for the table, in less than three weeks from the day of sowing the seed. The root begins to develop with the development of the first leaves. This new Radish has a color quite distinctive, a light, fiery scarlet, giving it a very attractive appearance in the market or on the table. As a forcing Radish we have found Vick's Three Weeks all that could be desired. Solid, crisp and tender. Valuable for the garden.

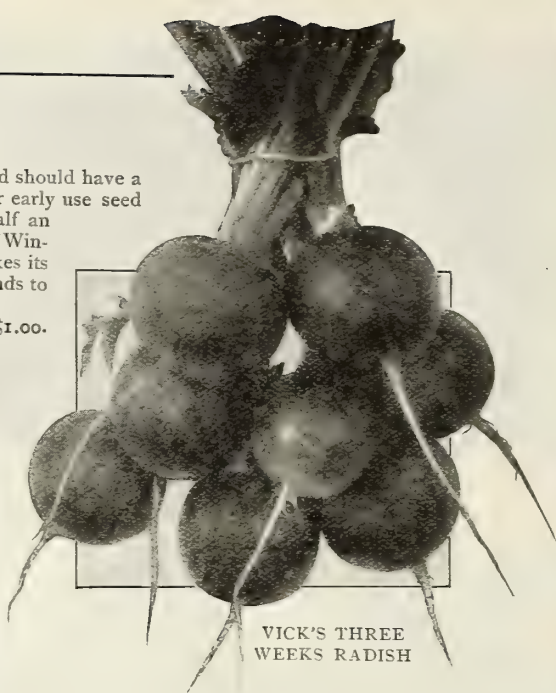
Vick's Early Crimson. An excellent variety for forcing or for the garden. Very desirable for Market Gardeners as it is ready for bunching in thirty days from the time it is seeded in the open; it attains double the size of ordinary globe-shaped varieties and remains solid, sweet and tender, longer than the average early sort. Crimson Giant is a valuable addition to the radish list. It is a deep globe shape, bright crimson color and very attractive.

French Breakfast, or Scarlet Olive-shaped White Tip. Very tender and beautiful. Fine for open ground or forcing.

Long Brightest Scarlet or Cincinnati Market. The brightest and handsomest long scarlet Radish grown. Fit for use in twenty-five days from the time of sowing, and remains in good condition until fully grown.

White Strasburg Summer or White Hospital. A large white, showy, half-long variety. Matures early. A leading market variety.

Cooper's Sparkler. A new variety of an entirely distinct type. In shape it is globular; the top is very short, thus making it adaptable for forcing, although it is equally good for outside. The color is a rosy carmine, with a long white tip. Cooper's Sparkler will keep longer in good condition than any other variety we have tried, and can be grown the year round. Successive sowings should be made throughout the summer.



VICK'S THREE
WEEKS RADISH

Shinglehouse, Pa., November 4, 1922.

The Three Weeks Radish seed I bought from you was simply wonderful. We had radishes from that seed in just two weeks and five days.

Mrs. Glenn D. Ford

Vick's Improved Long Scarlet Short-Top. The favorite long market Radish everywhere; six or seven inches long. Our strain of this popular sort has been grown from a selection year after year until it is perfection itself.

Long White Vienna or Lady Finger. Beautiful in shape; skin and flesh snow white; crisp and tender.

Iceberg. A beautiful transparent white variety, about three inches long and half an inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing.

Scarlet Turnip White Tip (Rosy Gem). Very desirable for forcing and outdoor planting; tops and roots both small; skin bright scarlet; flesh very mild and crisp. An ideal Radish for all purposes.

All Seasons: A round scarlet radish of unusual merit especially valuable for sowing at intervals throughout the entire spring, summer and fall seasons. It remains solid and sweet at all stages of its growth. At the size of a baseball it is as mild and brittle as when the size of a marble. This remarkable radish will mature in six weeks and the roots from fall sowing may be so stored for winter use.

Vick's Early Scarlet Globe

The Best Radish for General Use

See illustration in color on inside front cover.

Vick's Early Scarlet Globe Radish is the best all-around Radish on the market, and is therefore valuable for both the home gardener and the man who grows Radishes for the market. You will find "Vick Quality" in every ounce.

It is handsome in both form and color, a beautiful oval and a rich scarlet; the flesh is crisp, tender, juicy and mild. The amount of its foliage is small compared with other varieties and small for the size of the Radish, making it a particularly attractive market sort. As a forcing Radish, Vick's Early Scarlet Globe is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy. Away back in 1884, we introduced this universally popular Radish, and today it is sold by almost every seedsman in the world, and is also used by the leading market gardeners both for forcing and out-of-door planting. Owing largely to our care in selecting and growing seed, it leads all other varieties.

Packet, 10 cents; ounce, 25 cents; ¼ lb., 50 cents; lb., \$1.25.



VICK'S EARLY SCARLET GLOBE

Here are two extra fine Radishes, Vick's Scarlet Globe and Vick's Three Weeks. Try them in your garden this spring

WINTER RADISHES

Winter Radishes are Nature's way of furnishing us their appetizing relish long after summer varieties are gone. They grow slowly, and are ready for eating in the autumn. Much larger than summer varieties. Sow the latter part of August or in September. Harvest before severe frost. Roots may be stored in sand in a cool cellar. When they are to be used, throw into cold water for a short time and they will regain their crispness.

Packet, 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

Chinese Rose Winter (Scarlet Chinese). One of the very best.

Large White Spanish Winter. Long Black Spanish Winter.

Round Black Spanish Winter.

California Mammoth White Winter. Eight to twelve inches long and from two to three inches in diameter; white, solid, and of good flavor.

Japanese Radish. A Japanese variety of great size, some specimens weighing as much as 12 to 15 pounds. Oval in shape, with light cream colored skin and pure white inside. Very popular in Japan. While it is called a Radish, it is not eaten raw as we do our Radishes, but cooked like a Turnip, the taste being very mild and pleasant. Well worth a trial. Those liking the Turnip will relish this vegetable. Seed must be sown in May.

SPINACH

Espinaca, Span.; Spinace, Ital.

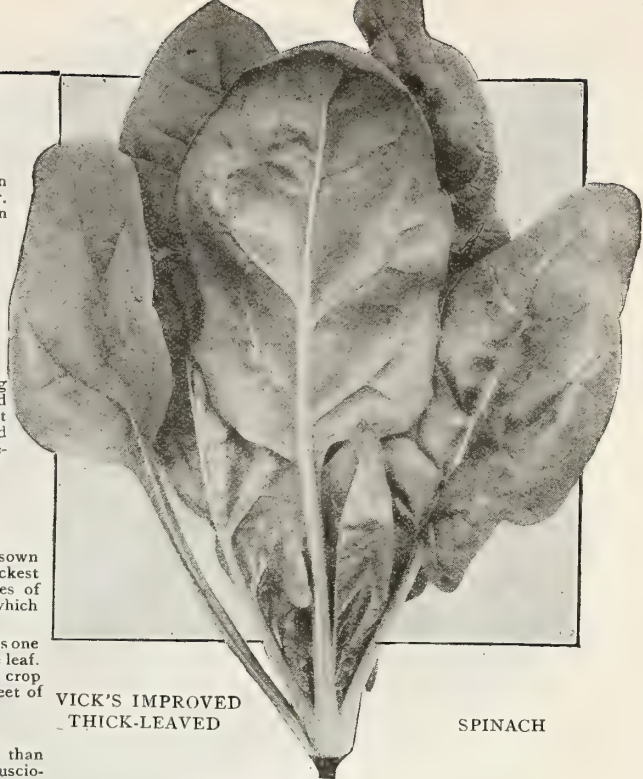
Nearly everyone likes succulent green vegetables in early spring. If you have not sown Spinach in your garden heretofore, why not try it this year? It is the easiest and quickest way to produce a crop of delicious, tender "greens." We handle immense quantities of Spinach Seed for a critical market garden and truck farm trade, in order to supply which we are growing some especially fine strains on our own farms.

For a succession, the seed may be sown early in April and again in May in drills one foot apart and one inch deep, properly thinning out when plants are an inch in the leaf. For the earliest spring crop, sow from first to middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 100 feet of drill 10 pounds for an acre in drills.

Packet, 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., .75 cts. except as noted.

All Seasons, or Long Season. will remain in an edible condition longer than any other variety we have grown. The foliage is dark green, crinkled, sweet and luscious. The seed may be sown at intervals during the summer. An exceptionally fine variety.

Improved Thick-Leaved. Leaves large and thick, somewhat crumpled, and very tender. The most popular variety we have ever grown. We have a splendid strain of this excellent variety.



VICK'S IMPROVED
THICK-LEAVED

SPINACH



Victoria. A valuable sort. Its attractive dark green color, long-standing and hardy character make it desirable for both spring and late sowing. Stands winter well.

Large Round-Leaved Viroflay. Large, round, thick and fleshy leaves. Good for early sowing. One of the best for fall sowing.

Bloomsdale or Savoy-Leaved (Norfolk.) The earliest of all varieties, and one of the best to plant in autumn for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy Cabbage.

Fall Spinach. This is an exceptionally hardy variety for planting in the late fall or very early spring. The leaves are large round and fleshy and will stay in condition during unfavorable weather better than any other variety. It may be sown in January when the snow is off the ground and it will come out in the early spring as soon as the ground thaws.

New Zealand. This variety grows two or three feet in bush form. The leaves and stems are succulent and tender. The abundant fresh, tender foliage may be picked frequently during the summer. A new supply will quickly develop. It succeeds in almost any soil. The seed should be soaked in warm water a few hours before planting.

Belmont, N. Y., July 6, 1922,

We want you to know how proud we are of our garden this year. Used your seeds entirely. Everyone says they never saw such wonderful spinach as we have — Improved Thick Leaved — and I certainly never ate any as good.

W. H. Hease.

RHUBARB

Ruibarbo, Span.; Rabarbaro, Ital.

Rhubarb is probably the most useful and popular of all perennial foliage plants for table uses, and is grown more extensively than all others. No garden should be without a few roots, which are sufficient to keep the table supplied with sauces, pies and preserves.

Two-year-old roots, if set about three feet apart in rich, mellow soil in early spring, will begin to yield a supply of stalks for cooking the following spring.

To grow from seed sow in drills ten inches apart and one inch deep. Thin plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year. One ounce should give about 500 plants.

Strong two-year-old roots, each, 20 cents; six for \$1.00; dozen, \$1.75 except as noted.

Seed packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 45 cents; pound, \$1.25, except as noted.

Linnaeus. Early and tender. Easily grown from seed

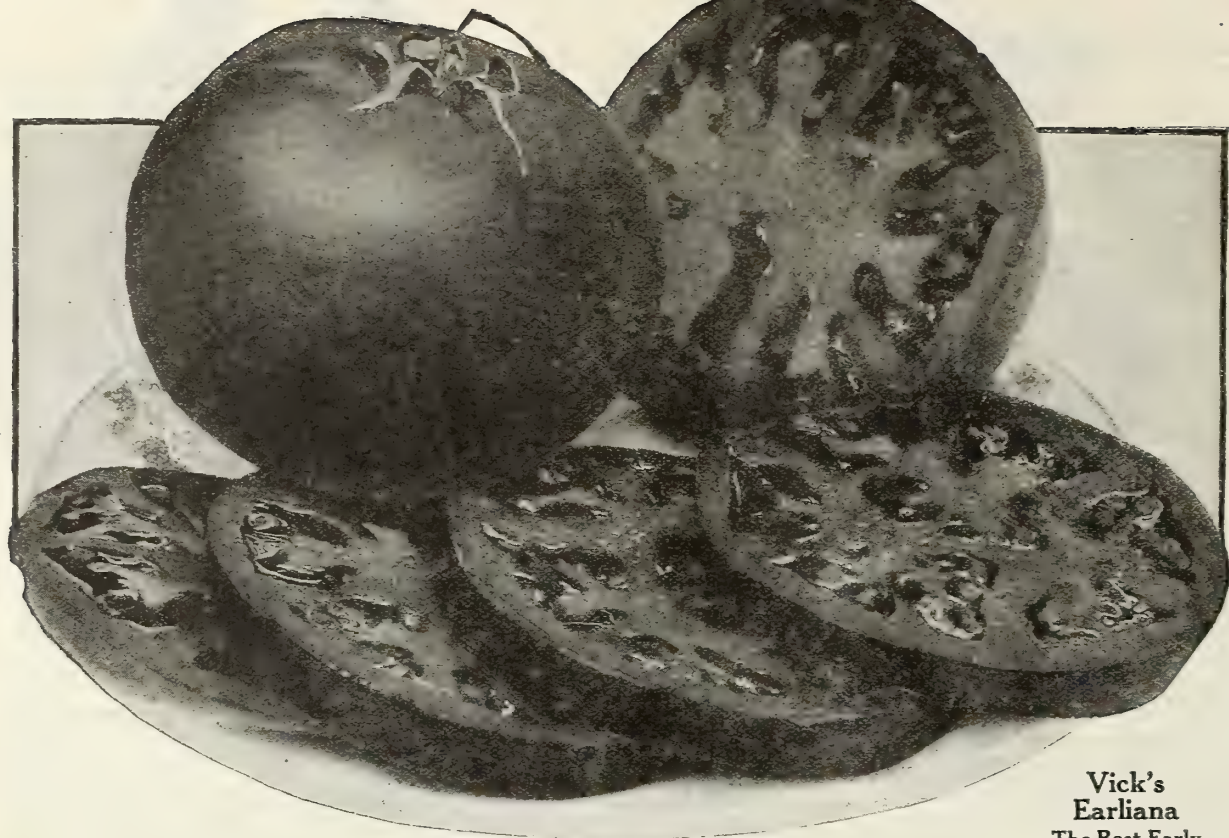
Victoria. Very large, but later than Linnaeus.

Vick's Strawberry. Far superior to all others for making pies and sauces. Its stalk is a beautiful strawberry red or pink all the way through; extremely tender, fine flavored and juicy.

Roots furnished only, each, 25 cents; $\frac{1}{2}$ dozen, \$1.25; dozen, \$2.00. Postpaid.

VICK'S STRAWBERRY RHUBARB

There is nothing like succulent, green Spinach fresh from ones own garden to tone up the human system



**Vick's
Earliana**
The Best Early

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Vick's Selected Tomatoes

Tomate, Span.

Pomo d' oro, Ital.

THE many uses to which the Tomato can be put makes it an ever popular vegetable. It is always a welcome addition to any meal. It is excellent as a salad, for canning, for catsup, and in soups. The Tomato is also valuable in its green state for pickling. We offer a list of tested varieties which are bound to give satisfaction. Sow seed for early Tomatoes in boxes in the house or in a hotbed early in March. In about five weeks plants should be transplanted, setting them about four or five inches apart. Thus they should remain, having all the air possible, until after the middle of May, when they may be put out in the ground, four feet apart each way. The soil for early Tomatoes should not be too rich. Pinching off the ends of the branches when the first fruit is set, will hasten the ripening. One ounce of seed will produce 2000 plants; one-quarter pound (to transplant) for an acre.

Earliana Tomato—Vick's Improved Strain

In a remarkable report recently issued by one of the best known and most careful State Experimental Stations, it states that in a series of tests of various strains of Earliana, ranging over several years, our strain of Earliana ranked first for earliness and second for productiveness over the whole period. This is probably the most thorough and unbiased test ever made. No more conclusive argument is needed to substantiate our statement that Vick's Improved Strain of Earliana is so vastly superior to the ordinary run of this variety as to entitle it to a special consideration if not a new, distinctive name.

Vick's Improved Strain has been grown on our own farms continuously since the variety was first introduced, and by careful selection it has been improved by us from year to year until it now grows uniformly round and smooth.

Vick's Improved Strain sets its fruit thickly in the center of the plant.

Vick's Improved Strain ripens its main crop early. Instead of ripening one at a time at intervals through the whole season, the whole crop usually ripens within a short time.

Vick's Improved Strain ripens up to the stem better than any other variety of early Tomato now on the market.

Vick's Improved Strain has a small growth of vine and may be planted two and one-half by four feet, effecting a great saving of space over many other varieties.

All these splendid qualities united make Vick's Improved Strain the best Tomato for commercial or home grower. See illustration in color on inside front cover.

Packet, 10 cents; half ounce, 30 cents; ounce, 45 cents; quarter pound, \$1.25; pound, \$4.00.

John Baer Tomato. An extra early scarlet variety of superior merit. Productive and hardy; round, smooth and firm. Excellent quality, one of the first to ripen, and furnishing fruit for the market for a long season. A good variety for the market or home garden.

Packet, 10 cts.; ½ oz., 30 cts.; oz., 45 cts.; ¼ lb., \$1.25; lb., \$4.00.

Livingston's Royal Red. A fine, large, deep red, smooth variety. Fruit very attractive and quality unsurpassed. Very productive. Excellent for eating either fresh or cooked. Splendid for catsup and canning. One of the best for the home garden.

Packet, 5 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.00; lb., \$3.00.

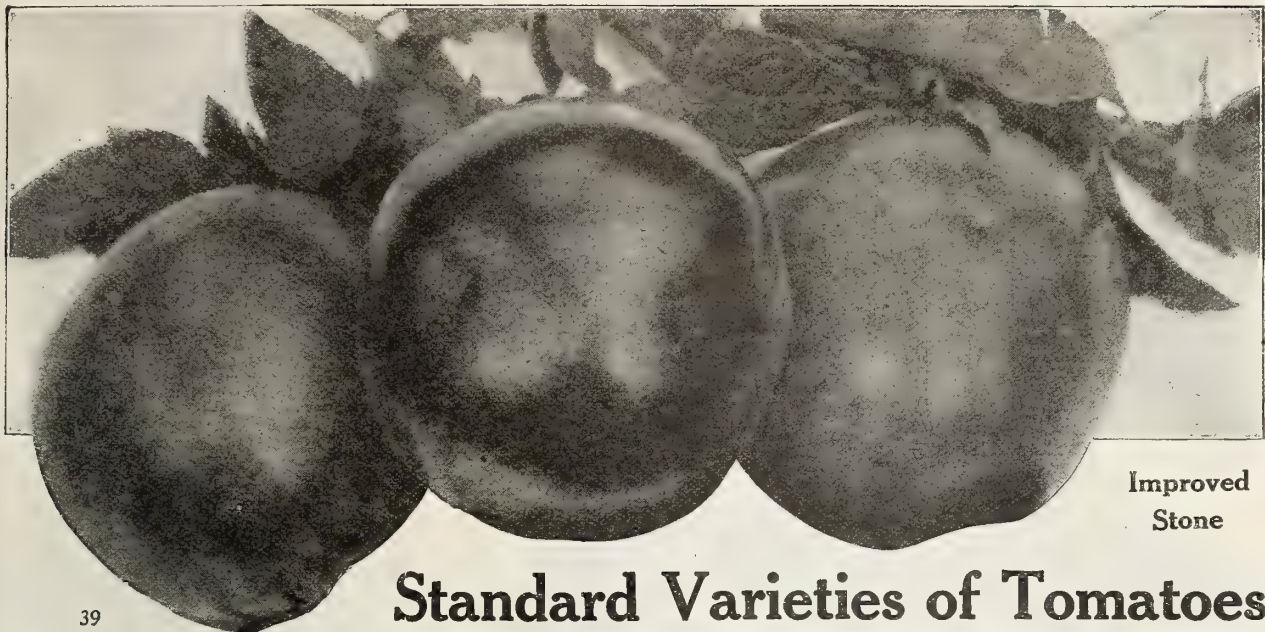
Ponderosa. A purple-pink, main crop Tomato of the largest size. bright scarlet; very smooth, ripening even to the stem without a crack; exceedingly solid and firm fleshed; very large and very productive; an excellent shipper; quality the very best; not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard main crop Tomato for market gardeners and truckers, and superior for canning.

Packet, 10 cts.; ½ oz., 30 cts.; oz., 45 cts.; ¼ lb., \$1.50.

Improved Stone The Best Main Crop Red Tomato. Color bright scarlet; very smooth, ripening even to the stem without a crack; exceedingly solid and firm fleshed; very large and very productive; an excellent shipper; quality the very best; not subject to rot; its appearance on market remarkably attractive; a heavy variety. It is the standard main crop Tomato for market gardeners and truckers, and superior for canning.

Packet, 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

Vick's Improved Earliana should be planted in every garden where the very best in yield and quality is desired



**Improved
Stone**

Standard Varieties of Tomatoes

Packet, 10 cents; $\frac{1}{2}$ ounce, 25 cents; ounce, 40 cents; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, except as noted

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Dwarf Stone. The largest dwarf variety. The fruit resembles Improved Stone; equally as good in quality. It ripens evenly and has an excellent flavor. Plants require less space than other varieties and are very productive.

Chalk's Early Jewel. A fine second-early Tomato about ten days later than Earliana. Fruit large size, fine flavor; bright scarlet, solid; has very few seeds. The plants are stocky and strong. One of the best for shipping and the home garden. Continues bearing throughout the summer.

Golden Queen. (Queen of the Yellows.) Solid, smooth, large in size, and ripens early. Makes a handsome, rich preserve. This Tomato should be grown in every home garden; its flavor is better and more delicate than the red varieties, the flesh finer-grained, very tender, and of a handsome yellow color which makes it especially attractive when sliced with the red sorts. Try it.

Dwarf Champion. Dwarf and compact in habit, the plants growing stiff and upright, with very thick and short-jointed stems, requiring no stakes. Often sold as Tree Tomato. Can be planted as close as three feet. Unsurpassed as a cropper. Color deep red, with a purplish tinge. Round and smooth.

Red Rock. One of the best medium early or main crop canning tomatoes of recent introduction. Fruit is round, smooth, exceptionally firm and bright red. This variety is a great favorite with the canner, both home and commercial.

Greater Baltimore. An excellent main crop variety, very popular among the canners of the great Maryland Canning Fields. The fruit is large, bright red and firm, a heavy cropper and good shipper.

Matchless. One of the best main crop varieties. Large, smooth, bright red.

Bonny Best. Almost identical with Vick's strain of Earliana in vine and fruit, but a week to ten days later.

Magnus. Medium early, of perfect form, large, ripens evenly, does not crack about the stem. Flavor delicious. Potato leaved foliage.

Sterling Castle. A superior forcing variety of European origin. Is exceedingly prolific, round, medium size, of good red color and a valuable variety for greenhouse culture.

SMALL FRUITED VARIETIES

The Small Fruited Tomatoes are most interesting and can be used in so many delightfully attractive and appetizing forms in salads, or for preserves and pickles, and are so very prolific, that they are getting more popular every year. They are invariably used whole.

Package 10 cents; $\frac{1}{4}$ oz., 25 cents.

Red Peach. A small red, very prolific, peach-shaped preserving tomato. Has a unique and attractive "bloom" as on a peach.

Yellow Peach. Same as above except in color.

Red Cherry. Small, perfectly round and smooth, bright red, borne in large clusters. Fine for preserves and pickles.

Yellow Cherry. Differs from Red Cherry only in color.

Pear-Shaped Red. True pear-shaped, small, bright red. Used for preserves and for making "Tomato figs."

Pear-Shaped Yellow. Same as the above, except color.

Plum-Shaped Yellow. Handsome in appearance and valuable for preserving. Excellent served raw with pepper and vinegar.

Husk or Strawberry (Winter Cherry, etc.) Fruit golden yellow, size of a cherry. Fine for pies, or preserves, and is very palatable to eat from the hand as you would strawberries.

Red Currant. Very small, bright red, borne in long clusters like currants. Very prolific and very attractive in appearance.

The Standard Varieties Below at Lower Prices

Pkt., 5 c; $\frac{1}{2}$ oz., 20 c; oz., 30 c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Acme. A hardy, strong growing variety. Fruit ripens early. Fruit of good size, ripening well to the stem. Purplish pink in color; flesh solid.

Beauty. Excellent market variety, being very solid, with strong skin, so that it stands shipping well.

Favorite. One of the best bright red varieties. Ripens evenly. Uniformly smooth. Keeps well.

Perfection. Medium size, bright red; earlier than Stone.

I had tomatoes three weeks before anyone else, large and red and smooth. Everybody said they had never tasted tomatoes like them.

Mrs. J. F. Whitney,

Selma, Ala., Jan. 27, 1921. R. F. D. 4, Box 52.

PONDEROSA

Ripe Tomatoes are always a welcome addition to the meal; especially when they are fresh from your own garden



SQUASHES

Calabaza, Span.

Zucca, Ital.

The Squash not only adds to the list of vegetable delicacies but possesses considerable food value. The fall and winter varieties make delicious pies, and are in great demand. Squashes require a rich soil. Use plenty of pulverized sheep manure or other fertilizers in the hills. Plant a dozen seeds in each hill, and when plants begin to branch cut out all but three or four, being careful not to disturb those remaining. For bush sorts, make hills four or five feet apart each way, and for the running kinds twice that distance. Winter Squashes should be ripened thoroughly, or they will not keep through the winter. One ounce of early varieties for fifty hills and two ounces of late will plant fifty hills; three to four pounds per acre.

FALL AND WINTER SQUASHES

• Packet, 10 cents oz., 25 cents.; 1-4 lb., 60 cents 1b. \$1.75
All postpaid except as noted.



IMPROVED

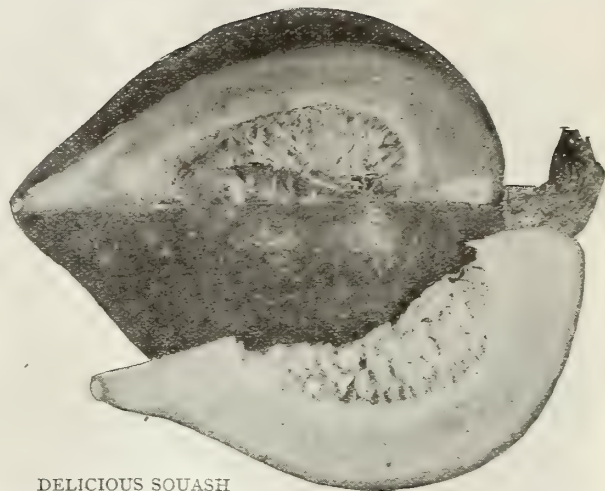
HUBBARD SQUASH

Improved Hubbard. The standard Winter Squash; no better variety grown; more generally cultivated as a late sort than any other. Flesh fine-grained, dry and of excellent flavor.

Chicago Warty Hubbard. This has some points not found in the old standard, the shell having a dark green, almost black, color; and also distinguished by a dense covering of knots or warts. It is of first-class quality.

Red, or Golden Hubbard. This is a true Hubbard Squash except in color, which is a bright orange-red. The flesh is deep golden yellow.

Fordhook. A very fine winter variety. Shell a bright yellow; flesh straw-yellow, dry and sweet, and of good flavor. Matures early, a sure cropper and very productive. Pkts. 10 cts. oz. 30 cts. ¼ lb. 65 cts. 1b. \$2.00.



DELICIOUS SQUASH

Delicious. In size it resembles the Hubbard. In thickness of flesh it surpasses nearly every variety. The color is dark bronze green. For table use no other variety compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It is best in the fall and early winter.

Packet, 10 cents; oz., 30 cents; ¼ lb., 65 cents; 1b., \$2.00.

Boston Marrow. Very popular in the Boston market. Oval shape; skin yellow; flesh orange-colored and fine-grained.

Packet, 5 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.00.

Mammoth Chili. The largest of all Squashes; grows to an enormous size. One of the most profitable sorts for stock feeding. Keeps well throughout the winter; extensively grown for prize exhibits. Flesh fine-grained, excellent for pies.

Packet 10 cents; oz. 25 cents; ¼ lb. 60 cents; 1 lb. \$1.75

We have excellent Squash now the Delicious, a kind we value highly, as even the small ones can be cooked and are both sweet and dry.

Susan R. Douty, Southbridge, Mass.

We got the best Hubbard Squash of you we ever had. An hour ago we had your squash for dinner. Just as dry and sweet as they were last fall.

Elk River, Minn., March 25, 1920.

Mrs. A. M. Hulbert.

SUMMER SQUASHES

Packet, 10 cents; oz., 25 cents; ¼ lb., 60 cents; 1b., \$1.75.



MAMMOTH BUSH SUMMER CROCKNECK.

The richest and best of the Summer Squashes. Early and productive. Color golden yellow; flavor sweet and rich. It is almost twice as large as the ordinary Summer Crookneck.

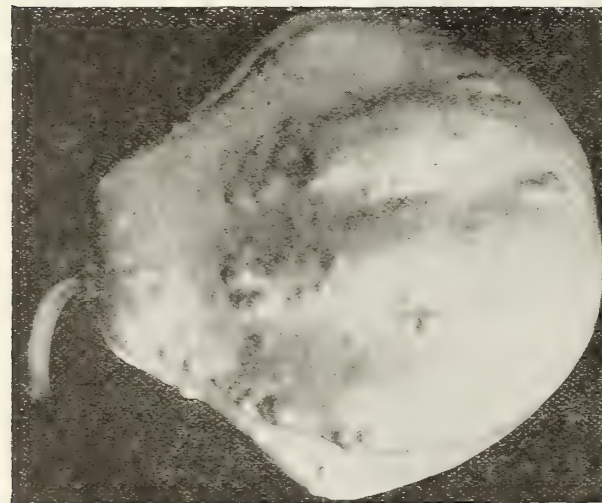
Mammoth White Bush Scallop. (Silver Custard). The best of the scalloped Squashes.

Plant true bush form. Fruit oval to flat. Early and valuable for market or table. Handsome and of fine quality.

Early White Bush Scallop (Patty Pan). Early and productive, of medium size. Color, creamy white surface, smooth. Flesh thick and of high quality. In shape, round, flattened at the ends. If fruits are gathered when edible the plants will continue to bear throughout the summer.

Early Yellow Bush Scallop. (Turks Cap.) Similar to white bush scallop except in color. An excellent summer variety.

Delicata. A beautiful small oblong Squash. In color orange, striped with dark green on the outside. The flesh is rich, dry and of extra fine quality when cooked. In season it is very early.



FORDHOOK SQUASH

Reynoldsville, Pa., November 17, 1922

During four generations we have dealt with the House of Vick, which surely shows that you are a firm of quality and square dealing.

Mrs. Wm. W. Kellar

Brighten the corners of your garden this year with a few choice flowers. More reasons for cheerfulness than ever

TURNIPS

Nabo, Span.

Navone, Ital.

SOW in drills from twelve to eighteen inches apart, and half an inch deep, from the 25th of July until the middle of August. Swede or Ruta Baga Turnips should be sown the first of June, the rows being about eighteen inches apart, and the plants in the rows not less than ten inches. One ounce of seed will sow 200 feet of row; and two to three pounds are required for an acre in drills.

Packet, 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., 85 cts.; except as noted.

Purple-Top Strap-Leaved. Flat, medium size, purple above the ground, white below. The most popular variety for early use, either for table or stock.

Early White Flat Dutch, Strap-Leaved. Similar to above. A fine, early, white sort, of quick growth and excellent quality.

Extra Early Purple-Top Milan. A white variety, purple-top and strap-leaf. This and the White Milan are the earliest of all Turnips; it remains in good condition a long time. Quality is unexcelled.

Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 55 cts.; lb., \$1.50.

Extra Early White Milan. Similar to above except it is pure ivory white in color, and about one week earlier.

Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 55 cts.; lb., \$1.50.

Early White Snowball or Six Weeks. A perfectly globe-shaped, white-skinned Turnip of medium size and excellent flavor. For early sowing this is one of the best, being crisp and tender, and maturing in six weeks from the time of sowing. A good keeper. Fine for family or market.

White Egg. An excellent variety. Nearly oval or egg-shaped. Flesh firm and fine-grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for table. Can be sown as late as the middle of August.

Long White Cow-Horn. A quick-growing sort, half long in shape, fine-grained, sweet, good quality. Roots grow partly above ground. Pure white in color. Very productive.

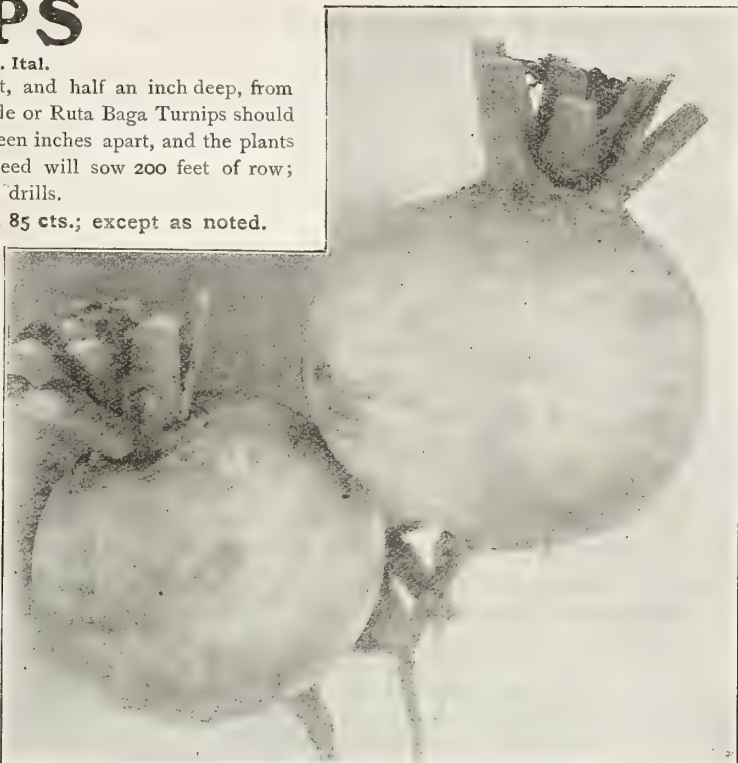
Grey Stone. Grows very large, perfectly round, white, reddish gray tinge at the top and around the stem. It is one of the best summer varieties. Valuable for cattle feeding on account of large yield.



PURPLE-TOP WHITE GLOBE

The turnips shown in this picture were all pulled from a space two feet across on one of our farms, showing remarkable uniformity in the stock.

Vegetable and Flower Seeds are delivered free of charge to any place in the U. S. or Canada, unless otherwise noted.



EARLY WHITE SNOWBALL

Purple Top White Globe. (Our own special strain) By far the most popular and satisfactory variety for part this of the country. Its handsome globular shape, fine smooth appearance, small tap root, excellent flavor, and good keeping qualities make it very desirable anywhere. See illustration.

Seven Top. A Southern variety used mainly for salad and "greens".

Large Yellow or Amber Globe. Good for general crop. Excellent for table or for stock-feeding. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

Pomeranian White Globe. One of the heaviest yielding varieties, roots growing to enormous size in good soil. For this reason it is largely used for stock feeding but is also desirable for the table if used when not more than four or five inches in diameter.

Robertson's Golden Ball, or Orange Jelly. This is the most distinct yellow Turnip ever offered. It is of very fine texture, and the best, sweetest and most delicious of the yellow-fleshed varieties. It is of medium size, with small tap-root, a rapid grower, matures early and keeps well. A superior table variety.

Danish Bortfelder. Large, long, stump rooted cattle turnip of good quality and enormously productive.

RUTABAGAS or Swede Turnips

Col nabo, Span.

Cavolo navone, Ital.

Packet, 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.00.

Butter Yellow Table Swede. A round medium-sized table Rutabaga of excellent mild flavor and quality. Skin and flesh a rich, golden yellow. One of the best Swedes for table use.

White Sweet Swede. A large, white, solid Swede, sometimes called White Russian. Quite desirable for table or stock-feeding. A great yielder. Fine form and good keeper.

Vick's Purple-Top Yellow An excellent variety either for the table or cattle-feeding. Flesh yellow, firm, solid, rich, and sweet. Very hardy, prolific, tender. A splendid keeper.

Bangholm. (New). This variety is the most largely grown of all Ruta Bagas or winter turnips in Denmark. The most productive, yielding more to the acre than any variety we have tested. The lower half of the root is yellow, gradually shading to a violet toward the top.

Special Prices on Peas, Beans and Corn FOR LARGE GROWERS

Gardeners and Commercial Growers who use other seeds in larger quantities than quoted in this book are requested to forward a list of their requirements for Special Market Gardeners Prices.

THE PRICES of everything in this catalogue unless otherwise specified are prepaid to your address either by Parcel Post or Express. This is a very distinct advantage and one which our customers all appreciate as it avoids a lot of confusion. However, on larger quantities we feel that it is much fairer to have prices covering the actual value of the seed so as to avoid the inequalities of Parcel Post or other transportation charges to different distances, but instead of having our bulk prices scattered around on different pages, we group together on this page prices on Peas, Beans and Corn covering actual value of the seed. In ordering please be sure to specify whether you want shipment sent by Parcel Post, Express or Freight. If shipment is desired by Parcel Post sufficient postage according to the rules shown below must be included. If desired by Express or Freight, the charges can be paid to your agent at the time of delivery. At the prices given below we make no charge for boxes or bags.

PEAS

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Alaska	55	19
Admiral Dewey	65	23
Alderman	65	23
American Wonder	60	22
Abundance	55	20
Bliss Everbearing	55	20
Boston Unrivalled	65	23
Canada Field Peas	34	14
Carter's Early Eight Weeks	65	25
Champion of England	65	23

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Dwarf Gray Sugar	65	25
Early Morn	65	25
Extra Early Premium Gem	60	21
Gradus (Prosperity)	65	25
Improved Stratagem	65	23
Large Black Eye Marrowfat	40	16
Large White Marrowfat	45	17
Laxtonian	65	25
Little Marvel	65	24

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Melting Sugar	70	28
Nott's Excelsior	55	20
Surprise	60	21
Thomas Laxton	65	25
Telephone	65	23
Vick's Extra Early	55	19
Vick's Daisy	65	24
Vick's First Choice	60	21
Worlds Record	65	25

For descriptions of above varieties of Peas see pages 32 and 33.

For Postage See Below

GREEN POD VARIETIES

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Bountiful	55	20
Dwarf Horticultural	60	21
Extra Early Red Valentine	55	20
Extra Early Refugee	55	19
Full Measure	60	23
Giant Stringless Green-Pod	60	21
Improved Stringless Green-Pod	60	21
Keeney's Stringless Refugee	60	23
Refugee 1000-1	55	20

BEANS

WAX POD VARIETIES

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Brittle Wax	65	25
Burpees Kidney Wax	65	25
Davis White Wax	60	21
Rustless Golden Wax	60	20
Hardy Wax	60	21
Pencil Pod Black Wax	60	20
Prolific Black Wax	55	19
Refugee Wax	60	22
Surecrop Stringless Wax	60	22
Wardwell's Kidney Wax	60	23

DWARF LIMA VARIETIES

Fordhook Bush	65	26
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For Postage See Below

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Henderson's Bush	65	23
True Bush Lima	65	26
Wood's Prolific Bush Lima	65	24

POLE VARIETIES

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Carolina Sieva Lima	60	21
Early Golden Cluster Wax	65	24
Giant Podded Pole Lima	75	34
King of Garden Lima	65	23
Large White Lima	65	23
Old Homestead	65	24
Scarlet Runner	65	24
Seibert's Large Early Lima	65	24

For descriptions of above varieties of Beans see pages 10 and 11.

For Postage See Below

SWEET CORN

For Postage See Below

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Bantam Evergreen	55	18
Black Mexican	55	18
Country Gentleman	50	16
Dreer's Aristocrat	50	16
Early Dawn	55	18

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Early Evergreen	50	16
Vick's Morning Dew	50	16
Early Minnesota	50	16
Golden Bantam	55	18
Howling Mob	50	16

	10 lbs to 25 lbs 2 lbs.	25 lbs and over per lb
Mammoth White Cory	50	16
Stowell's Evergreen	50	15
Vick's Earliest of All	50	16
Vick's Golden Nugget	50	15
Whipples Early	50	20

For descriptions of above varieties of Corn are on pages 19 and 20.

PARCEL POST RATES

For Bulk Shipments.

When ordering Peas Beans and Corn at the prices listed above, if you want the shipment to go by Parcel Post you can easily figure out from the tables given below just what the postage on the number of pounds ordered will amount to. Be sure to include this in your remittance. Your Postmaster or Letter-carrier can tell you what zone rate applies on shipments from Rochester to your address.

Zones	First lb.	Each additional lb.	Distance from Rochester
1 and 2	5c	1c	up to 150 miles.
3	6c	2c	150 " 300 "
4	7c	4c	300 " 600 "
5	8c	6c	600 " 1000 "
6	9c	8c	1000 " 1400 "
7	11c	10c	1400 " 1800 "
8	12c	12c	over 1800 "

If all our prices on bulk seeds included sufficient amount to pay postage or express to customers in remote parts of the United States you will readily see that customers who live nearby are paying more than the postage or express actually amounts to. By following the plan above you pay the exact amount of postage or express and not one cent more. There is no limit to the amount you

can send by mail so that any gardener who may want fifteen or twenty pounds of a number of different kinds can have them sent anywhere by mail.

VERY IMPORTANT! Please order your seeds in bulk from this page in one group on the order sheet, setting down the price after each quantity. Then immediately below, before you forget, set down the amount of postage required to carry the quantity ordered.

ADVANTAGES OF EXPRESS. Notwithstanding the cheap Parcel Post rates, in many cases it will be to advantage of our friends to have shipments sent by express, especially if you live near an Express office. In many cases the express rates are lower than Parcel Post, especially on shipments weighing more than 20 pounds to points beyond the third Zone from Rochester. The elements of safety and speed, and the fact that charges do not have to be paid until shipment arrives are other valuable considerations. If you do not enclose the postage, we will forward the package by Express without further instructions.

SPECIAL MARKET GARDENERS PRICES

If you grow vegetable for the market and buy seeds in quantity write for our special market garden price list giving bulk prices on all kinds of vegetables. When you write be sure to tell us if you are a market grower.

Bargain Collections of Vegetable Seeds

If you are somewhat undecided just what vegetable seeds to order or are not just sure how to go at it to plan your Vegetable Garden, try one of the collections on this page. Each of them is designed for a certain specified size of garden or for some specific purpose and with each is provided a garden plan and full directions for planting. Besides, you will find that there is considerable saving in ordering these collections. You will, of course, probably want to order a few other seeds in addition to any of the collections below.

The Best Gardens Are Started On Paper

As the builder of a house always starts with a blue print and specifications, so a successful gardener needs some definite plan on paper before planting. With each of the collections on this page we furnish free a suggestive garden plan and detail cultural guide worked out carefully by experts. Each collection contains only standard, thoroughly tested varieties which will provide a splendid assortment of fresh vegetables throughout the season.

VICK'S IDEAL GARDEN COLLECTION

A Complete Vegetable Garden 15 X 35 feet, for \$1.00.

1 pkt. Beans---Rustless Golden Wax.
1 pkt. Beans---Stringless Green Pod.
1 pkt. Beets---Detroit Dark Red.
1 pkt. Cabbage---Jersey Wake-field.
1 pkt. Carrots---Chantenay
1 pkt. Corn---Vick's Golden Nugget.
1 pkt. Corn---Stowell's Evergreen.
1 pkt. Lettuce---Big Boston
1 pkt. Lettuce---Hanson

1 pkt. Onions Danvers Yellow Globe.
1 pkt. Parsley - Exquisite Moss Curled.
1 pkt. Parsnips Hollow Crown.
1 pkt. Radish Vick's Scarlet Globe.
1 pkt. Radish Long White Icicle.
1 oz. Spinach.
1 pkt. Swiss Chard Large Ribbed.
1 pkt. Tomatoes Vick's Earliana.
1 pkt. Turnips Purple top Globe.

If ordered separately the above seeds would cost \$1.80. These seeds together with cultural guide and garden plan—all complete for \$1.00. Postpaid.

VICK'S PICK QUICK COLLECTION

THE EARLIEST OF EVERYTHING FOR \$1.25

If you want a garden that will produce the earliest crops that can be grown order this collection and have vegetables ahead of your neighbors.

ONE PACKET EACH OF THE FOLLOWING

Beans-Bountiful.
Carrots-Ey. Fr. Forcing.
Cucumber- Ex. Ey. White Spine.
Endive-White Moss Curled.
Radish-Three Weeks.
Spinach-Victoria.
Peas-Alaska.
Cabbage-Early Wakefield.

Beets-Eclipse.
Corn-Vick's Earliest of all.
Lettuce-Black Seeded Simpson
Onion-White Queen.
Turnips-Early Milan.
Cress
Squash-Patty Pan.
Vick's Summer Asparagus.

Sixteen packets in all.

All of the above extra early seeds together with a special planting guide and suggestive garden plan—all complete for \$1.25, postpaid.

VICK'S PEACE AND PLENTY Vegetable Collection

A Bountiful Garden 30'X 40 feet for \$2.50.

One packet each of the following

Beans-Stringless Gr. Pod.
Beans-Rustless Golden Wax.
Beans-Bush Lima.
Beets-Crosby's Egyptian.
Beets-Detroit Dark Red.
Beets-Swiss Chard.
Cabbage-20th Century.
Cabbage-Danish Ball Head.
Carrot-Chantenay
Carrot-Danvers Half Long
Celery-Golden Self Blanching
Corn Golden Nugget
Corn-Country Gentleman
Cucumbers-Vick's Abundance
Lettuce-Grand Rapids
Lettuce-Big Boston

Vick's Summer Asparagus
Squash-White Bush, Summer
Squash-Hubbard, Winter
Tomato-Vick's Earliana
Turnip-Purple Top White Globe
Endive-White Curled
Musk Melon-Irondequoit
Onions-Yellow Globe Danvers
Parsley-Moss Curled
Parsnip-Hollow Crown
Peas-Notts Excelsior
Pepper-Sweet Mountain
Radish-Vick's Scarlet Globe
Radish-Icicle
Spinach-All Seasons 1 oz.
Satisfy-Mammoth Sandwich Is.

If ordered separately the above seeds would cost \$3.40. In this collection these seeds together with detailed planting guide and garden plan all complete for \$2.50. Postpaid.

Junior Garden Collection 75 cents.

This collection includes a very good assortment of easily grown vegetables especially designed for children's garden, and for those with a small home garden where space is strictly limited.

One packet each of the following.

Turnip-Purple Top White Globe,
Sweet Corn-Vick's Golden Nugget.
Carrots-Chantenay.
Onions-Danvers Yellow Globe.
Lettuce-Big Boston.
Muskmelon-Honey Dew.
Spinach.
Cabbage-All seasons.
Beets-Detroit Dark Red
Chinese Cabbage.

All of these seeds together with especially prepared planting guide and garden plan—all complete for 75 cents, postpaid to your door.



The collections listed on this page are all put up in advance and cannot be changed in any way.



FARM AND MISCELLANEOUS SEEDS

All kinds of Farm Seeds are F. O. B. Rochester, except as noted. The prices quoted are subject to market changes and are based on the latest information obtainable at the time this Catalogue goes to press. Our customers may rely on us to protect their interests and give them the best prices possible at the time the order is received. Special prices for large quantities upon application.

VERY IMPORTANT NOTICE. Our prices have been reduced to the actual value of the seed. Additional remittance to pay for bags should therefore be included as follows: For each peck, 15 cents; for quantities from 1 to 2½ bushels, 40 cents.

VICK'S MARVELOUS BEAN

In our judgment here is one of the most valuable introductions in field beans in recent years. Every seedman and bean expert who has visited our farms this year has expressed admiration at its many good qualities. First and primarily it is a big handsome, very productive, very hardy, vigorous growing white kidney bean. It seems to be absolutely immune from all diseases that have attacked other field beans in this locality. Our crop has shown no signs of anthracnose or rust and has never failed to ripen a crop. Its wonderful productiveness is indicated in the accompanying photograph. Then, it has another remarkably valuable quality. When the big handsome pods are young and tender they are almost stringless and are suitable for string beans. A little later, while still green, the shelled beans are unsurpassed, either cooked alone or for succotash. As a dry bean for baking it cannot be beat for fine appearance and for cooking qualities. It has a distinctive appetizing flavor. In trials with other varieties of field beans it stands out conspicuously on every point. We know of no other bean which offers so many valuable qualities for both commercial, field and home garden purposes.

Prices : By mail post paid, packet 10 cents.

½ lb., 20 cents; lb., 30 cents. By express or Freight not prepaid, 5 lbs., 85 cts.; 15 lbs., \$2.25; 100 lbs., \$13.00.

Elyria, Ohio., Jan. 25, 1922.

We consider Vick's Marvelous Beans the best shell bean we have ever grown.
Mrs. W. E. Hart.

OTHER FIELD BEANS

By mail postpaid, ½ lb., 20 cents; lb., 30 cents. By Express or Freight not prepaid, 15 lbs., \$2.25; 60 lbs., bu. \$7.80; 100 lbs., \$13.00
Large White Marrow. Extensively grown as a dry bean for winter use. The beans are large, clear, white, cooking dry and mealy.
Red Kidney. A popular field sort. Hardy and heavy yielder.

SOY or SOJA BEAN

Mammoth Yellow. Valuable as forage or fertilizer. Thrives well in hot and dry weather. Sow broadcast one-half bushel to the acre, or in drills three feet apart and one foot between plants. 15 lbs., \$1.00; 100 lbs., \$6.25.
Medium Early Green. Similar in purpose to Mammoth Yellow, but a few days earlier. 15 lbs., \$1.15; 100 lbs., \$6.50.
Medium or Early Yellow. An early variety which will nearly always mature even in this section. 15 lbs., \$1.25; 100 lbs., \$6.50.

COW PEAS

This pea has always been valuable for improvement of the soil. It is considered superior to clover for plowing under as a preparation for other crops. For fodder, or for the seed, plant three feet apart and cultivate thoroughly.

New Era, Whippoorwill, 15 lbs., \$1.10; 60 lbs., \$3.75; 100 lbs., \$6.50.
For other valuable field peas see page 33.

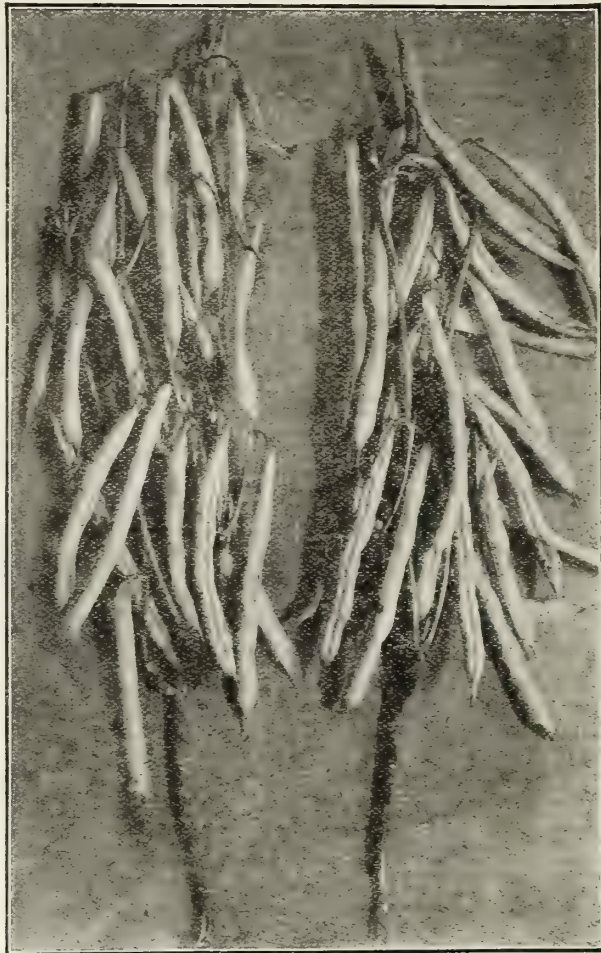
BARLEY

Prolific Six Rowed. A heavy yielding variety.
12 lbs., 60 cts.; bu., (48 lbs) \$2.25; 100 lbs., \$4.25.

RAPE, Dwarf Essex, English

Extremely valuable for furnishing a quick growth of forage. A vigorous strong growing turnip-like plant. Especially grown for feeding sheep, but cattle, pigs, and milch cows do very well upon it. For sheep pasture, sow in May, and it will be ready for pasturing in July and August; or sown in June, or even up to the latter part of July, it will furnish a large amount of pasture or fodder. In drills, sow five pounds to the acre; broadcast, ten pounds to the acre.

Pound, 15 cents; 25 lbs., and over, 12 cts., per lb.,



VICK'S MARVELOUS BEANS

TOBACCO

White Burley. Leaf large, long and wide. Cures very bright. One of the best. Packet, 10 cents; oz., 25 cents. Postage prepaid.
Connecticut Seed-Leaf. Packet, 10 cents; oz., 25 cents. Postage pre-p
Havana, or Cuban. Packet, 10 cents; oz., 40 cents. Postage prepaid

BROOM CORN

Improved Evergreen. This variety is now grown more extensively than any other, on account of its straight, long, light green brush. It is very productive. Sow six pounds to an acre. Pound, 20 cents postpaid; 100 lbs., not prepaid, \$7.00.

BUCKWHEAT

Japanese. The heaviest yielding variety, with very large kernels and large branching plants. 12 lbs., 60 cts.; bu., 48 lbs., \$1.75; 100 lbs., \$3.60.
Silver Hull. The best for flouring purposes. Kernels smaller than Japanese, silvery gray in color. Fine stock.
12 lbs., 65 cents; bu., 48 lbs., \$1.95; 100 lbs., \$3.90.

MILLET

Hungarian Grass (*Panicum Germanicum*). Valuable soiling plants. May be sown as late as first of July, and produce a large green crop. Sow 40 lbs. to the acre. Bushel, 48 pounds. Pound, 12 cents; 100 lbs., \$5.00.
Golden Millet. Medium early forage plant, very prolific. Sow 38 pounds per acre. Bushel, 40 pounds. Pound, 10 cts; 100 lbs., \$5.00.
Japanese Barnyard Millet (*Panicum Crus-Galli*). Enormously productive yielding from four to six tons of cured forage per acre, on rich soils. Six to eight feet in height. Sow in May. Broadcast, ten to fifteen pounds per acre or in drills, eight pounds per acre. Pound, 15 cents; 100 lbs., \$6.00.



ROCHESTER NUMBER SIX WHEAT ON ONE OF OUR FARMS

45

RYE

Rosen Rye. By far the most improved type of winter rye. It so far surpasses all other varieties that it is the only kind we now grow and sell. A new grain developed by the Michigan Agricultural College and described by them as follows:

"Rosen Rye is a stiff strawed, large headed variety, which, when pure, ordinarily has four full rows of grain on over ninety-nine percent of its heads."

Rosen Rye yields more than any other Rye, takes less from the soil and can be sown from the last of August until the middle of October with safety. Nothing better to put on your Potato and Corn land. It is a fine nurse crop for Clover. Sow five to seven pecks per acre according to the season. The later you sow the more grain it takes 15 lbs., 80 cts.; bu., 56 lbs., \$2.25 By express or freight, not prepaid. Subject to market changes.

Spring Rye. This variety has been developed simply by planting Winter Rye in the spring and selecting the seed so produced for several years. The standard variety for spring planting. Sow about 1½ bushels to the acre. 15 lbs., 75 cts.; bu., 56 lbs., \$2.00.

HAIRY VETCH

Winter Vetch, Russian Vetch, Sand Vetch, (*Vicia Villosa*)

Valuable in the north, especially as a cover crop. It makes a quick vigorous growth and excels Alfalfa and the Clovers in the number and size of nitrogen bearing nodules on its roots. For enriching the soil a good crop of Hairy Vetch plowed under is estimated to be equal in value to forty tons to the acre of fresh stable manure. It does especially well on light soil. Rich in food value. When grown for silage it is usually mixed with Rye, which furnishes support for the trailing vines of Vetch.

Sow sixty pounds of Hairy Vetch and fifteen pounds of Winter Rye to the acre. If sown alone use seventy-five to ninety pounds of Hairy Vetch to the acre. By Mail Postpaid, lb., 50 cents; Freight or Express not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80; 25 lbs., or over, 27 cents, per lb. Spring Vetch, 1 lb., By Mail, 25 cents. By Freight or Express not prepaid 100 lbs., for \$12.00.

SORGHUM

These prices are subject to market changes, f. o. b. Rochester.

Early Amber. This variety is coming into general use for summer fodder for cattle in place of sowed corn, yielding two crops in a season. It is claimed to keep up the flow of milk, and cows like it better than any other feed. It is also easily cured, and makes excellent dry fodder. Three to four pounds are sufficient for an acre, in drills thirty inches apart, sowing the seed thick and shallow in the row.

Pound postpaid 20 cents.; 100 lbs., \$3.50, not prepaid.

Kaffir Corn, White. This will do well wherever Amber Cane will grow. It is used as a green fodder. Pound, postpaid 20 cents; 100 lbs., \$3.00 not prepaid.

Milo Maize. When cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. It is relished by cattle and hogs. Use 4 or 5 pounds to the acre.

Pound postpaid 20 cents; 100 lbs., \$3.50, not prepaid

Jerusalem Corn. Belongs to non-saccharine Sorghums. It is considered a good sure grain for dry sections and seasons. It produces several small heads on side shoots, often as many as eight heads on a stalk. Three pounds will plant an acre. Pound, postpaid 25 cents; 100 lbs., \$4.50, not prepaid.

If you want full value from Vetch, Alfalfa, Clovers and other legume crops inoculate your seed see page 48

ROCHESTER NUMBER SIX WHITE WINTER WHEAT

This excellent variety of Winter Wheat needs no introduction to the farmers of Western New York and those in many other localities. We have been growing this Wheat on our own farms for a number of years, and we have a strain which we confidently believe to be the very best for localities such as this. Even under unfavorable growing conditions we have almost invariably harvested excellent crops. Rochester Number Six, is a vigorous variety withstanding cold and unfavorable weather. The plants develop sturdily and send out a large number of rust-resisting straws which form uniformly large, full heads of plump kernels. The chaff is tinted red, the seeds white. As it is beardless, the straw is not only more agreeable to handle but much more valuable than bearded straws.

Per bu. \$2.00; 10 bu. or over, \$1.90 per bu.

SPRING WHEAT

Spring Wheat is being used more each season in this section of the country because of the success that has been attained with it. We are sure that you will find a spring wheat a money making crop if you have not already tried it. We have stock of very good quality. Per bu. \$3.00; 10 bu. or over, \$2.85.

SUNFLOWER

Mammoth Russian or Manchurian. Highly valued by farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. Sow seed as soon as the ground is warm, in hills four feet apart each way. Three pounds of seed will plant one acre. Yields from fifty to seventy bushels per acre. ¼ pound, 10 cts; ½ lb., 15 cts; 1 lb. 25 cts; 25 lbs., or over, 15 cents per pound.

BIRD SEED

In addition to the varieties listed below we can often supply special mixtures of seeds that are relished by birds.

Canary Seed Per lb., postpaid, 20 cts.; not postpaid, 5 lbs., 90 cts.; 10 lbs., \$1.60.

Hemp. Per lb., postpaid, 18 cts.; not postpaid, 5 lbs., 85 cts.; 10 lbs., \$1.50.

Rape. Per lb., postpaid, 20 cts.; not postpaid, 5 lbs., 75 cts.; 10 lbs., \$1.50.

Millet Golden. Per lb., postpaid, 20 cts.; not postpaid, 5 lbs 60 cts.

Lettuce for Birds. Per lb., postpaid, 30 cts.; not postpaid, 5 lbs., 50 cts.

Sunflower. Per pound, postpaid, 25 cents.

Cuttle Bone. ½ lb., 35 cts.; 1 lb., 55 cts., postpaid.

All prices on this page subject to market changes.



Vick's Oats

A great deal of progress has been made in developing productive strains of Oats. The process is, however, slow and gradual. We do not believe that such enormous yields, as have been claimed by some, can possibly be secured under ordinary conditions and in fairly conducted tests. To some this will seem an unusual way to begin a subject, but to our regular customers it will cause no surprise.

We guard our reputation for good Oats as carefully as for high grade Vegetable and Flower Seeds. Therefore, we never make such alluring and deceptive statements as are frequently made elsewhere. We have made careful tests, in large plots, under farm conditions, of many highly advertised kinds and we are frank to say we have never found one that will yield such fabulous crops as were claimed for it. In our tests running over more than one season, we find that the varieties listed below show some superiority over all others, but even for these we claim no astonishing increase in yield over some other kinds. We do, however, confidently believe that our varieties will yield as high as any other strain offered elsewhere at any price. Certainly the improvement in quality over common field Oats will warrant every farmer in renewing his seed stock this year from our varieties, especially in view of the low prices at which they are offered. It will pay any farmer this year to feed out his common field Oats and raise a big crop of one of the following varieties. To insure a big crop of Oats it is necessary to change your seed stock frequently, and sow the best you can buy.

SWEDISH or WASHINGTON OATS

This is a branching variety or one where the head consists of a large number of seed panicles evenly distributed around the main stem thickly hung with seed kernels. The straw is strong and wiry and of good height. We secured our original stock seed directly from Sweden, but the strain we have at present is, in our judgment, superior to the original stock. This is a medium early, vigorous growing heavy yielding variety.

8 lbs., 40 cts.; 32 lbs., \$1.25; 100 lbs., \$3.60.

AMERICAN BANNER OATS

This variety originally introduced by us is now listed by a large number of seedsmen and has become one of the most popular varieties grown. It has had a wonderful record and has been improved by selection so that it still maintains its high reputation as a sprangled or branching variety. It is a very heavy yielder; the grain is white, plump and ripens early; the straw is stiff and of good length. We have a beautiful stock, Canadian grown, the heaviest and plumpest oats we have seen this season. If our customers could see it they would certainly consider it worth more than the extra prices asked,

8 lbs., 40 cts.; 32 lbs., \$1.25; 100 lbs., \$3.60.

These prices are f. o. b. Rochester. Special prices on large quantities.

Order early; these prices are subject to market changes at any time or we may be sold out of a variety later in the season

COMEWELL OATS

This new branching oat was developed by the New York State Agricultural College from whom we received our original stock seed. It is one of the best varieties especially adapted for this section. It produces enormous crops and is very early and vigorous in growth. The stock we offer has been carefully selected for seed purposes and free from impurities. We recommend this new variety very highly, especially for localities similar to this in Western New York. We did not have a very large acreage, so the supply is rather limited. Better get your order in early to be sure of getting some.

8 lbs., 45 cts.; 32 lbs., \$1.50; 100 lbs., \$4.50.

KEEP IN MIND THESE POINTS

The increase in yield will be nearly all pure gain.

Our seed is clean and free from weeds.

Kernels are large, plump and heavy, with very little chaff.

Our prices are as reasonable as the extra care and expense will permit.

The quality is just as good as if you were to pay more.



Harvesting a crop of Vick's Pedigreed Timothy

47

Vick's Grass and Clover Seeds

We make a speciality of the best grades, free from weeds and impurities, and of good germination.

We believe, in the long run, the best proves to be the cheapest, and for this reason the prices quoted on this page are for extra fancy stocks only, leaving cheap, undesirable grades out of consideration. Prices on grasses are invariably f. o. b. Rochester. Be sure to indicate whether we should ship by freight or express. If wanted by mail postage must be added. See table on page 42. Not less than 25 lbs. at 100 pound prices.

Our prices are based on the best information obtainable at the time this catalogue goes to press.

Since the market varies from day to day, these prices are subject to change without notice. Customers may rely on us to give them the advantage of the best prices possible when orders are received.

Customers who need considerable quantities, are requested to write for samples and prices. Bags to contain 1 to 2½ bu., will be charged for at 40 cents each.

EXTRA RECLEANED GRASSES

	Per lb.	Per 100 lbs
BERMUDA GRASS. (<i>Cynodon Dactylon</i> .) Invaluable in the South. Not hardy in the North	\$0 55	\$50 00
FANCY RED TOP. (<i>Agrostis vulgaris</i> .) Indispensible in mixtures for lawns, pastures or meadows; will grow in almost any soil moist or dry. Our stocks clean, beautiful, silky, heavy seed. For lawns 40 pounds per acre; for pasture or meadow 20 to 30 lbs. per acre. . .	35	32 00
HARD FESCUE. (<i>Festuca elatior</i> .) A low-growing grass; succeeds well in dry places. Used in many lawn mixtures.	75	50 00
ITALIAN RYE GRASS. (<i>Lolium Italicum</i> .) Annual; will thrive in almost any soil; grows rapidly, yields abundantly. If sown in the fall will produce crop of hay the following summer.	20	17 00
KENTUCKY BLUE GRASS. (<i>Poa pratensis</i> .) Invaluable for lawn; unexcelled as a pasture grass; thrives on a variety of soils, but does best in dry and shady places. Our seed fancy and extra heavy. For lawns 60 lbs. per acre; for pasture 20 lbs. per acre.	45	42 00
MEADOW FESCUE (<i>Festuca pratensis</i> .) Excellent pasture grass; occasionally used in other mixtures. 40 pounds per acre.	30	24 00
ORCHARD GRASS (<i>Dactylis glomerata</i> .) One of the best pasture grasses; exceedingly palatable to stock; will endure a great deal of cropping. Twenty to thirty pounds per acre.	30	24 00
PERENNIAL RYE GRASS. (<i>Lolium perenne</i> .) Valuable for pasture and lawn grass mixtures. 20 to 30 lbs. per acre	30	24 00
RED FESCUE. (<i>Festuca rubra</i> .) An excellent grass for shady places; forms a rich close sod	90	80 00
SHEEP'S FESCUE (<i>Festuca ovina</i> .) Low growing grass with an abundance of fine narrow leaves. Flourishes on light soils; 30 lbs. per acre	90	80 00
SUDAN GRASS. Similar to Millet but more productive of seed and straw	15	12 00
TIMOTHY. Leading variety for hay crop; special pedigreed stock bright, plump, high purity and germination test. 10 to 12 lbs. per acre. Per bushel (45 lbs.) \$4.75	15	9 00

CLOVERS

The food value of Clover for producing milk and meat is far superior to ordinary grasses, as every farmer knows. Its value as a soil improver makes it still more indispensable on every farm. Get best results by using Vick Quality Seed. We list only the best grades. We highly recommend the use of Inoculating Bacteria for Clovers and all leguminous crops. We offer three leading kinds on page 48.

Medium Red Clover. Extra fancy, bright color- Bushel Per
ed plump seed, much superior to average stocks 60 lbs. 100 lbs
offered. \$16 25 \$26 00

Mammoth Red Clover. Finest grade obtainable 16 40 26 50

Crimson Clover. (*Trifolium incarnatum*.) Valuable for hay, pasture, ensilage or for soil fertilizer. Being an annual it must be sown every year in August or September. 10 to 15 lbs per acre. 15 25 24 50

Alsike or Swedish Clover. (*Trifolium hybridum*.) Surpasses all other clovers for rich moist soils. Eight pounds per acre. 14 00 22 50

White Clover. (*Trifolium repens*) Valuable in lawn grass mixtures and indispensable in pasture mixtures Pound 90 cts. 48 00 80 00

Sweet or Bokhara Clover. White blossom (*Melilotus alba*) Valuable for soil fertilizer. . . 10 80 18 00

For best results do not fail to treat your clover seed with some kind of Inoculating Bacteria. See page 49

HUBAM CLOVER

The New Annual Sweet Clover.

This is the annual sweet clover about which you have read so much in the farm papers as being one of the most valuable agricultural developments of recent times especially for soil improvement and for green manure. In appearance Hubam resembles the ordinary biennial sweet clover which is very valuable as a soil improver and as a hay, pasture and forage crop, but which requires two years to mature. Hubam makes as much growth in one season as the biennial sort does in two. The roots penetrate deep into the soil, and are thick with nitrogen-bearing nodules. Unexcelled for the bee keeper being entirely covered with blossoms for a long period. If drilled in growing crops, every other tne closed in April or May Hubam makes little growth until after grain harvest then rapidly develops a heavy crop for cutting or plowing under by September.

Per lb., 60 cts.; 10 lbs., \$5.00; 25 or over, 50 cts., per lb.



Vick's HIGH-GRADE Alfalfa

FREE FROM DODDER, WEEDS AND DIRT. We not only recommend it: we grow it on our own farms, feed it to our work teams, growing colts, and other stock. We find it nearly as easy to grow as any other clover, the yield greater and the crop more valuable.

This is the year to plant Alfalfa. With the price of Alfalfa seed back to a very low level, wise farmers are going to make the most of the opportunity to seed down their fields with this most valuable crop.

There is no longer need to explain the wonderful advantages of Alfalfa. A field of Alfalfa will increase the fertility of the soil and thus raise the value of the land. A good field of Alfalfa is the aim of every wide-awake farmer, because he knows he can count on it every year to increase his prosperity.

Do not take any chances on doubtful Seed when preparing for a crop of such value and permanence as Alfalfa. We secure the finest American Northern dry land Alfalfa seed that can be purchased. We believe that every progressive farmer—the one whose trade is worth having—is willing to pay a fair price for good seed.

Our Alfalfa Seed was grown in the Northwest, at a high altitude and on dry land. This insures, for our seed, hardness and a high percentage of germination. We have a beautiful stock, free from weed seeds, plump, and of a good bright color. Before this seed was accepted by us it was tested thoroughly for purity

and germination. We do not fear comparison of our stock with any other sample. We buy and sell the best grade only.

There is better value for the money in seed of this character than in low grade Alfalfa seed at a less price. Large quantities of inferior seed are on the market every year, some of which contains dodder—an extremely noxious pest. Some is poorly cleaned, containing large percentages of dirt, weed seeds and shrunken Alfalfa seed. Some is imported Alfalfa seed containing adulterations and undesirable foreign weed seeds. After the trash and poor seed has been taken out of a low grade sample, the good seed that is left invariably costs more per pound than is asked for seed of the highest quality.

Pound, 35c; 10 pounds, \$3.25; 30 pounds, \$8.00; 60 pounds, (1bu.) \$14.75. Express or Freight charges, not prepaid. 2 bu. bags 40 cts. each extra

These prices are subject to market changes and are based on the best information obtainable at the time this catalogue goes to press. Our customers may rely on us to protect their interests and give them the best prices possible at the time the order is received. Write for special prices on large quantities. In case the price may have changed, please tell us, when sending your order if you wish us to send your money's worth or write you for instructions before shipping. Better order early. The demand for reseeded this spring is sure to be large and the price may again advance.

In order to secure the best results from Alfalfa, Clover, Vetch and all other legumes, by all means inoculate the seed with some kind of

INOCULATING BACTERIA

It is now generally understood that the nodules which form on the roots of legumes are caused by the propagation of bacteria which extract nitrogen from the air, making it available for the growing crop and leaving a large surplus in the soil for succeeding crops. To insure the presence of these valuable nodules, it is nearly always necessary to inoculate the seed with a pure bred culture of bacteria. Legumes offer the best means of maintaining soil fertility and rejuvenating over-cropped and worn out fields. They add both humus and nitrogen to the soil and thus increase the yield of Wheat, Oats, Corn and other non-legume crops. The United States Department of Agriculture and many State Agricultural Experimental Stations, recommend inoculation of legumes with nitrogen fixing bacteria, in order to insure a prompt "catch" and increase the yield.

Inoculating Bacteria is made in a number of forms. We offer what we consider the very best kinds, shown here. Always specify on your order, what crop you want to inoculate, as there is a different strain of bacteria for each legume. It is prepared for the following crops:

Alfalfa, Crimson Clover, Soy Beans, Garden Peas, Red Clover, Vetch, Garden Beans, Alsike, Cow Peas, Sweet Peas, Lima Beans and others.

MULFORD CULTURES contain pure tested strains of active, vigorous nitrogen fixing bacteria, scientifically prepared with utmost care and skill. The sealed bottle insures purity. Can be readily applied to the seed. Prices, 5 acre size, \$5.00, "Dollar per acre"; 1 acre size, \$1.50; ¼ acre size, 75 cents; small size (supplied only for Garden Peas, Garden Beans, Lima Beans and Sweet Peas), 35 cents.

NODULE BACTER is prepared and packed with exceeding care, in ventilated bottles, by the most approved methods, insuring freshness and a quantity of live nitrogen-gathering bacteria. Put up in bushel sizes instead of acre.

For Alfalfa, Red Clover, White Clover and other clovers. 5 bu. size, \$4.00; 1 bu. size \$1.00; ½ bu. size 60 cts.; peck size 40 cents.

For Beans, Peas, Vetches and other larger seed. 10 bu. size \$4.00. 2 bu. size \$1.00; 1 bu. size 60 cts.; ½ bu. size 40 cents. Special garden size, only for Sweet Peas, Garden Peas and Beans, 35 cents.

FARMOGERM has been used with excellent results for many years. It is in bottles, special jelly media, patented ventilating stopper to keep it fresh. Prices, 1 acre size, \$1.00; 3 acre size, \$2.50; 12 acre size, \$9.00. Special garden size for peas, beans and sweet peas 50 cents.

The prices of inoculating bacteria given above include transportation on freight shipments only. If wanted by parcel post add 10 cents per bottle.

When ordering Inoculating Bacteria Cultures be sure and state clearly for what crop it is intended to be used



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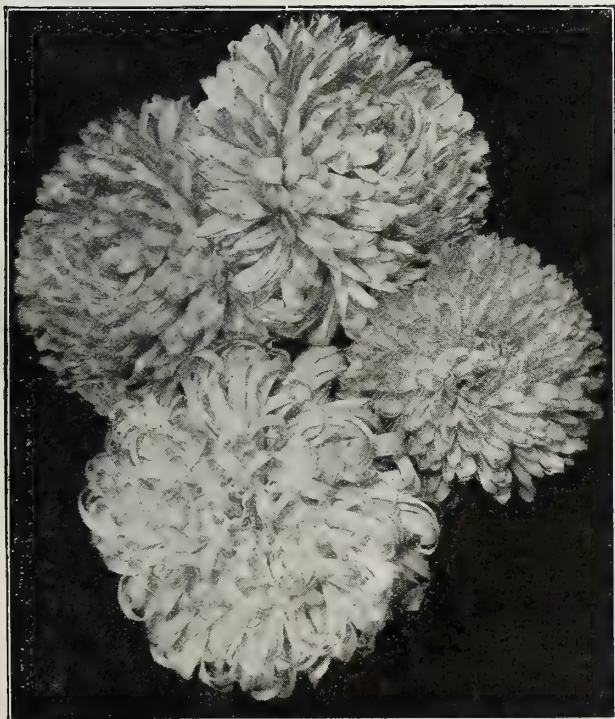
A view of one of our Aster fields. We grow more high grade Asters than any other grower in the world.

VICK'S FAMOUS ASTERS

Wherever ASTERS are grown and loved, the world over, VICK'S FAMOUS ASTERS are considered the standard of quality and excellence. The reason for this is not hard to find. In the first place, all our Asters are grown in Western New York under conditions which produce hardy, vigorous plants capable of withstanding very adverse conditions, but, more important still we spare no expense, time or effort in keeping our stocks absolutely unapproachable in quality. Each season we make many hundreds of individual plant selections from which we breed up not only many new varieties but constantly improve and perfect the older types. Each summer we personally spend day after day walking up and down the long rows of Asters supervising the expert work of plant selection and elimination of everything that does not meet our standards. The different varieties shown on the following pages are the results of years of this kind of constant development and experimenting and represent the most beautiful, artistic and robust types of the wonderful Aster family.

OUR NEW "SILVERY" ASTERS

The four varieties, grouped under this head are all distinguished by their silvery characteristic caused by the delicate almost indistinguishable white threads running through each petal. This delicate sheen gives them a most artistic and pleasing appearance.



OUR NEW SILVERY ASTERS

VICK'S BRANCHING SILVERY ROSE

The original "Silvery" Aster. It is of branching type, very robust, long stemmed and large flowering. Each petal is a combination of deep lilac rose almost cerise, very delicately threaded with white. Do not get the impression that this is a striped variety. The threads are so tiny as to give the petals a silvery sheen. Even the slightest change in light, will shade the petals from a glowing rosy cerise to a silvery rose. Per pkt. 20 c.; 2 for 35 c.

VICK'S BRANCHING SILVERY PINK

Like Vick's Silvery Rose, this exquisitely beautiful flower derives its distinction from its delicate silvery sheen which over-lays the predominating color. Each petal has actually the same color from base to tip, but massed in the enormous double blooms, the heart of each flower of Vick's Silvery Pink appears a warm glowing pink while as light is reflected upon them, the tips of the petals have silvery sheen which makes them appear almost white, the whole effect of which is indiscribably beautiful, like the face of a goddess whose divine beauty a delicate veil "half conceals, half discloses."

Per pkt. 20 cts.; 2 for 35 cts.

VICK'S IMPERIAL SILVERY ROSE

New Last Season.

Vick's Imperial Rose, like all those in the Imperial class is distinguished by its profusion of blooms and extreme doubleness of the flowers. The blossoms have the unique artistic color of the original Silvery Rose with its characteristic delicate sheen, but are of the true Imperial type being extremely full with petals regularly placed and slightly folded lengthwise. Per packet 25 cents.

VICK'S ROCHESTER SILVERY ROSE

New Last Season.

The very popular Silvery Rose color now offered in the Rochester type. It has the great loose, fluffy blossoms with narrow, curled and twisted petals of the Rochester Asters with the color of deep lilac-rose over-laid with the characteristic delicate silvery sheen of all the Silvery Asters. Per pkt., 25 cts.; 2 for 40 cts.

Try one of Vick's "Silvery" Collections, one packet each of the four beautiful new Silvery Asters shown above for \$1.00



THREE GOOD EARLY VARIETIES

VICK'S IMPERIAL ASTERS

VICK'S ROYAL ASTERS

The Imperial Asters comprise a collection of second-early varieties distinguished by their delicacy of coloring, their profusion of bloom, and the extreme doubleness of their flowers. The large flowers are so double as to be veritable balls of bloom. In most of the Imperial varieties the petals are narrow, straight and sometimes slightly folded lengthwise. The vigorous plants are upright in growth and produce stems of good length. Vick's Daybreak, introduced by us in 1897, and Vick's Purity introduced in 1899, are now the best known and most widely used of all second-early Asters. They are especially adaptable for all kinds of bedding, because of their compact habit of growth.

Packet, 15 cents; two for 25 cents, except as noted.

Imperial Giant Daybreak. The fully double, perfectly formed flowers are a beautiful and extremely delicate shade of flesh pink.

Imperial Giant Purity. Larger in plant and flower than the famous original Purity. Crowned with great snow white globes of bloom.

Imperial Lavender. A delicate shade of palest lavender. Resembles Daybreak in size, in form and in season. The lavender tint is about the same depth of color as the pink of Daybreak.

Imperial Rose. A very attractive shade of silvery rose. The blooming plants are veritable bouquets of roses.

Imperial Lilac. Charming new shade, free flowering and very double. Color pretty and distinct.

Imperial Bluebird. A bright, lively blue. The plants are covered with the rounded, full double flowers.

Imperial Sunset. This year we have sufficient seed of this rare favorite to again offer it here. A soft delicate pink at ends of petals shading to deeper shade at center.

Imperial Yellow. Another very popular variety which our friends will be glad to see back in the catalog. Pale lemon yellow, not very large but exquisite in form and delicacy of coloring.

Imperial Mixed Colors. A good mixture of the above colors.

A packet each of any five of the above colors, 60 cents.

Imperial Salmon. We are glad to be able again to offer a limited quantity of seed of this exquisitely beautiful but sparse seeding variety. A very pleasing shade of pinkish salmon of perfect form.

Per packet, 25 cents.

VICK'S LAVENDER GEM

When first open the flower is an exquisite pale lavender, which deepens with age. In structure, it is always full double, and bears a large proportion of long, partly tubular florets, which are irregularly cut and slashed, so that it looks like a ragged Chrysanthemum. The flowers are borne in profusion on long, slender, wiry stems. The plant is erect and of medium height, branching close to the ground. It belongs with the early sorts. Indeed for the amateur it is about the earliest variety of value for out door planting.

Packet, 15 cents; two for 25 cents.

Our new red Asters are shown on page 2 of Novelty Section.

Vick's Royal form a new class of Asters in which the petals are very broad and distinctly incurved or shell-shaped. The charming shape of the petal gives an effect of shading that enhances the beauty of the color, has a charming grace and a Chrysanthemum-like effect. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor. In season they are earlier than Branching Asters, remaining in bloom a long time.

Vick's Royal White

Vick's Royal Lavender

Vick's Royal Rose

Vick's Royal Shell Pink

Vick's Royal Purple

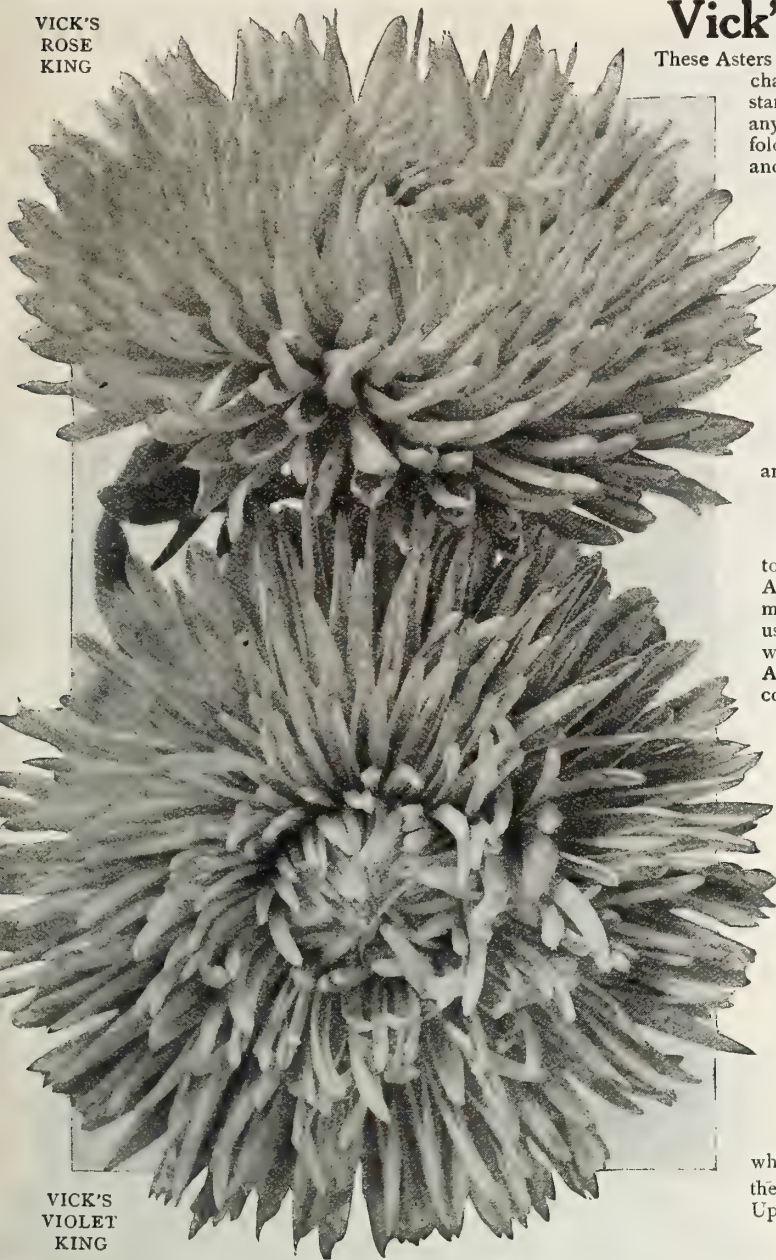
Vick's Royal Lavender Pink

Separate colors, or mixed colors, each, packet 15 cents.

Royal Collection of the six packets, 60 cents.



A plant of Imperial dug from among the thousands in our fields and potted for photographing.

VICK'S
ROSE
KINGVICK'S
VIOLET
KING

VICK'S VIOLET KING

The immense flowers are a rich violet purple. They are quite thick, with a full center which is usually twisted into a strong "whorl" in the freshly opened flowers. A vase of Violet King Asters is an object not only beautiful, but bold and striking.

Packet, 25 cents; two for 40 cents.

VICK'S LAVENDER KING

The massive flowers of the new Lavender King are of the same thick, fluffy type as those of the White King. The color is a very pleasing shade of deep Lavender.

Lavender King. Branching type, Pkt., 25 cents. Two for 40 cents.

We are the largest growers of high grade Asters in America.

Vick's Famous King Asters

These Asters form a magnificent class distinct from all others in the character of the flower, which is of great size and substance, and lasts longer when cut than those of almost any other variety. The petals are long, narrow, and folded lengthwise, appearing almost as though quilled, and giving the flower a graceful and charming effect. The plants are large and the stems exceptionally strong.

The past few years have seen wonderful strides in the development of Vick's King Asters. It was in 1906 that we introduced the Violet King, which has probably won more prizes in the last few years than any other variety in the world. This was followed in 1910 by the Rose King. In 1912 we added two beautiful King Asters, differing from the other Kings not only in color, but in habit of plant. The charming Crimson had its debut in 1915, and 1916 saw the introduction of the Shell Pink King. All represent rue Vick quality, and will give complete satisfaction and a large amount of pleasure to those who plant them.

VICK'S SHELL PINK KING

The color, a soft pleasing blush pink, is just the shade to increase the popularity of the whole King Class of Asters, just the shade we've needed most, and striven most diligently to secure in the last few years. Whether used separately or with one or more other colors, you will agree that any bouquet in which our Shell Pink Aster is included is gloriously beautiful and artistically complete.

Shell Pink King. Branching type, Pkt. 25 cents.

Shell Pink King. Upright type, Pkt. 25 cents.

Two for 40 cents.

VICK'S CRIMSON KING

Here is another excellent addition to our King Class. No other color makes a richer, more strikingly handsome appearance than does this new Crimson King. In fact it's about the richest, most brilliant Crimson we've ever seen in Asters. It is similar in every respect to our original type of which Violet King was the first.

Crimson King. Branching type Pkt 25 cts.

Crimson King. Upright type Pkt 25 cts.

Two for 40 cents:

VICK'S WHITE KING

Any pure white Aster is deservedly popular, for which reason Vick's White King is rapidly approaching the remarkable record of Violet King in point of sales. Upright type only.

White King. Upright type, Pkt., 25 cents.

Two for 40 cents.

VICK'S LAVENDER PINK KING

In color the Lavender Pink King is a beautiful and delicate lavender-pink, very much like the now famous "Rochester" Aster. This color is offered only in Upright type of plant.

Packet, 25 cents; two for 40 cents.

VICK'S ROSE KING

Vick's Rose King is a deep brilliant rose. It differs in color only from its famous parent, Violet King.

Packet, 25 cents, two for 40 cents.

VICK'S KING ASTERS

All Colors Mixed.

Packet 20 cents; two for 35 cents.

Our farms are among the show places near Rochester

VICK'S BRANCHING ASTERS

Vick's Branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we grow them, are double to the center. There are other Asters, exquisite in form and of delicate color, but Vick's Branching Aster is still the leading Aster in all flower markets, and still holds first place in the garden of the amateur.

VICK'S EARLY BRANCHING

The plants of the Early Branching Aster attain the size and vigor of the famous Late Branching, but blossom from ten days to two weeks earlier. The many branches are free from side buds, the whole strength of the plant being given to the development of extra large, perfectly formed flowers on long stiff stems, making them especially desirable for vases, for exhibition, or for sale.

Packet, 15 cents.

A Packet each of any two colors, 25 cents.

Rose. A beautiful, brilliant shade of rose.

White. Large, ball-shaped flower, similar to that of the Late Branching Aster and full to the center. A magnificent specimen.

Lavender. A light shade of clear, pale lavender, a color which is always popular in cut flowers.

Crimson. A rich, dark crimson. Especially adapted for massing.

Lavender Pink. Similar in color to Vick's Late Branching Lavender Pink. Opens nearly white, passing to a beautiful lavender pink.

Dark Violet. Rich, deep velvety color, darker than purple.

Shell Pink. A delicate, very light shade of pink, one of the very best colors for cut flowers.

Purple. Rich, dark purple, well formed flowers, double to center.

Mixed Colors. An excellent mixture of all the above described colors.

VICK'S EARLY BRANCHING ROSY RED

One of our best introductions of recent years. A beautiful distinct color unlike anything previously known in Asters; a shade deeper than rose but lighter than crimson; a soft warm color very attractive for decorations either used alone or in harmony with other colors.

Packet, 20 cents; two for 35 cents.

Flint, Mich., June 5, 1922.

By the way your Aster seed this year has been 100 per cent in germination and I have not lost a single seed. The plants raised outside in a frame are of a very robust growth and I have hopes to exceed my previous success this year.

Chas Dobosh.

VICK'S EARLY BRANCHING ROSY RED

VICK'S LATE BRANCHING ASTERS

Prior to the introduction of our famous strain of Late Branching Asters, nearly all seedsmen secured their stock from well known European growers, but never since we first offered our Late Branching Asters has any other strain from Europe or elsewhere equaled it in size, usefulness and popularity. Today Vick's Branching Asters are well known and in great demand, not only in America, but in Europe, South America, and far-away Australia—wherever, in fact, good flowers are grown. It maintains its position of leadership because we are taking great pains to improve it on our experimental farms, so that the plants are stronger, the stems longer, the flowers larger and more perfectly shaped than those of each preceding generation. The flowers of our Late Branching Aster are of immense size. The great number of petals closely massed forms a solid globe-shaped flower, magnificently beautiful in its exquisite perfect, fluffy Peony-like form. The flowers are borne in great profusion on long stems, frequently two feet in length, which characteristic makes flowers of this class especially valuable for cut-flower purposes. The plants are of strong growth, often covering a space three feet in diameter.

Seed sown in pots or boxes in March or April, and transplanted to the outdoor bed in May or June, will provide a wealth of bloom in August and September.

Packet, 15 cents. (See special offer below.)

Snow White. The latest of Branching Asters. Plants exceptionally strong and continuing to produce their great balls of white bloom until cold weather comes.

Vick's Lavender-Pink. Opens nearly white, passing to a beautiful lavender-pink, lighter in the center. Lasts particularly well as a cut flower.

Rose. Large plants and big, full double flowers of rich deep rose

Crimson. A rich, glowing color, but now completely outrivalled by our new introduction Heart of France, for illustration of which, see our introductory novelty pages.



VICK'S BRANCHING ASTER

Rosy Carmine. Distinct, and beautiful—a bright rosy carmine. A lively brilliant color.

Vick's Lavender. A clear deep lavender. Sometimes called azure blue. A splendid strain of this useful color.

Simple's Lavender. An extremely pale shade of lavender.

Purple. Beautifully formed, full double flowers of rich purple.

Mary Simple, Shell Pink. An exquisite shade of light shell-pink. The large flowers are graceful in form.

Peerless Pink. Might well be called an "Improved Shell-Pink." It has the same delicate, pleasing shade of pink, and a larger more double flower. Our stock of Peerless Pink this season is far superior to any we have heretofore offered. It is literally "without a peer" in its class and color.

Rose Pink. The color of a deep pink Rose. Lighter than the Branching Rose. Beautiful, full double flowers.

Rosy Red. A very beautiful color of recent introduction. A large full double flower deeper than rose but lighter than Heart of France.

Peach Blossom. A deeper shade of color than Vick's Pink and very popular. The large flowers are extremely double.

Dark Violet. An extremely deep, glowing color. A deeper shade than Branching Purple. It has a peculiar velvety finish giving it an appearance of richness that is distinct and striking.

Late Branching Asters. All Colors Mixed. Pkt., 15 cents.



PLANT OF BRANCHING ASTER TAKEN IN THE FIELD.

BRANCHING ASTER COLLECTION

This collection gives a full assortment of the colors found in the Branching Class. These are unsurpassed for cutting; a harmonious color scheme for decorative purposes can easily be selected from these eight varieties.

White, Pink, Peach Blossom, Carmine, Purple, Lavender, Dark Violet and Rose

One packet of each of eight colors . .

75 cents

Heart of France, Heart of Rochester and other newer kinds of Asters are shown on page 2 in the Novelty section.

Vick's Rochester Asters

The word "Rochester," whether used in connection with civic undertakings, industrial enterprises or products of whatever nature, has come to be known the world over as typifying the best. And when we gave the name "Rochester" to a class of Asters we were fully aware that we would be held to the high standard that name represented. Nevertheless we gladly assumed that responsibility, for we knew we had a variety of Asters which was the very best of its

kind. The plants of Vick's Rochester Asters, like those of the Late Branching variety, are large and strong, with many long branches. Their flowers have, in common with others of the Comet type, petals that are very long and narrow, and gracefully recurved, giving them a lightness and grace that make them the most artistic of all Asters. The immense size of these flowers—they are the largest Asters now in cultivation—their artistic beauty, delicacy of coloring and freedom of bloom, make Vick's Rochester, in our estimation, the superior of any Aster of its class heretofore offered to the public.

VICK'S SHELL-PINK ROCHESTER

After several years experimenting on our Aster Farms we have succeeded in perfecting a new color in the Rochester class, a delicate shade of pink commonly called shell-pink. The flowers, which are large with narrow, very long and graceful petals, are exceedingly beautiful. We offer this charming variety to our customers in complete confidence that it will prove equally as good as the original Lavender-Pink Rochester.

Packet 25 cts.; two for 40 cts.

VICK'S ROSE ROCHESTER

True to the general type of the Rochester Asters, Vick's Rose has large, fluffy, graceful, attractive flowers on long stems. In color they are a beautiful shade of rose. These splendid qualities have won for Vick's Rose Rochester many friends and admirers all over the country.

Packet 25 cents; two for 40 cents.

VICK'S WHITE ROCHESTER

This is another excellent example of the artistic beauty of Rochester Asters. The exquisite white flowers, which are large and fluffy, and borne on long, strong stems, are most attractive, and make Vick's White Rochester a favorite for bouquets or as specimen plants. Packet 25 cents; two for 40 cents.

VICK'S DARK VIOLET ROCHESTER

The splendid shade of violet which is found in Vick's Dark Violet Rochester, together with the graceful appearance of its flowers, makes this variety especially desirable. When in bloom it makes an exceedingly charming spectacle, either alone or with the other Rochester colors. Packet 25 cents; two for 40 cents.

VICK'S CRIMSON ROCHESTER

New This Season.

This is a new and important addition to our class of Rochester Asters especially valuable in widening the range of colors in this important class. Very valuable for decorative purposes either alone or in well chosen selections of other colors.

Packet, 25 cents; two for 40 cents.

VICK'S ROCHESTER ASTER MIXTURE

Packet 20 cents; two for 35 cents.



VICK'S ROCHESTER ASTER

Vick's Lavender-Pink "Rochester"

No flower introduced in recent years has created such a furor as this magnificent Vick's Lavender Pink Aster, "Rochester." Within a year after we first presented it to the public, the Chamber of Commerce of Rochester recommended that it be adopted as the official flower of the city and requested us to rename it "Rochester." The "Rochester" Aster is today the Premier of the Lavender-Pink Asters. Like all the flowers of the Comet class, the petals of the "Rochester" are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in such magnificent disorder, as to make the fluffiest Aster we have ever seen. In color it is a most exquisite shade of lavender-pink, being a happy medium between the color of Vick's Branching Pink and Vick's Daybreak. The plants are unusually vigorous and it is not uncommon to find one with a dozen long, strong, graceful stems, each with a "flower" from four and a half to six inches in diameter. Packet 25 cents; two for 40 cents.

VICK'S NOVELTY ASTER MIXTURE

The seed of this mixture has been saved from plants grown on our experimental grounds where the fascinating work of improving old varieties and developing new ones is carried on. This mixture will prove of a great deal of interest and will produce a large variety of beautiful flowers,

Packet, 20 cents; two for 35 cents.

Our Novelty Aster Mixture well deserves the popularity it has gained during the few years we have been offering it

VICK'S Lavender and Purple ROCHESTERS

It is no exaggeration to say that these marvelous Asters are far in advance of any heretofore offered.

Vick's Lavender Rochester and Vick's Purple Rochester are new colors in this splendid type of Aster and they are even larger, more double and more Chrysanthemum-like than the original Pink Rochester.

With proper cultivation the stems are unusually long and strong, and usually without side branches. The illustration on this page fails to show the wonderful thickness of these masses of shaggy petals.

Vick's Lavender Rochester. A clear light lavender color, just the shade in greatest demand by the florists.

Packet, 25 cents; two for 40 cents

Vick's Purple Rochester. A deep rich purple.

Packet, 25 cents; two for 40 cents.

CERISE ROCHESTER

Described on page 2.

Per packet 50 cents; two for 75 cents.

Phila., Pa. Nov. 7, 1922.

I want to thank you for the lovely Asters I raised from your seed this summer. The Rochesters were so large people thought I had pinched the buds off leaving two buds to a plant to have such monstrous big flowers and were surprised to see as high as over a dozen large flowers on one bush. People told me I had the finest Asters in that part of Jersey. Will want plenty more seed for next year as I want to sell plants to my neighbors.

Mrs. P. Williams.

VICK'S LATE UPRIGHT

A new strain of Asters combining the erect growth of the earlier Uprights with the flowers. The season and the foliage of the Late Branching. The upright habit admits of closer planting.

Vick's Late Upright Peach blossom. A slightly deeper shade than Lavender-Pink. Very beautiful.

Vick's Late Upright Crimson. A deep, rich, glowing color and very large flowers.

Vick's Late Upright Amethyst. The flowers open nearly white, deepening with age to a decided amethyst.

Vick's Late Upright Rose. A wonderfully beautiful flower of a soft rose color. Very large flowers.

Vick's Late Upright White. A pure white flower with a very full double center, a popular and profitable variety with florists.

Vick's Late Upright Purple. Deep purple flower of a very rich shade. A popular flower.

Above separate colors or mixed, each, packet, 15 cents.

Special Collection of the six above packets, 75 cents.

Vick's Late Upright Rosy Red. We consider that the addition of this very important color to our list of varieties is a distinct step in advance and we are very proud to announce the addition of this color which we have had for the last two years in the branching class, now in the important Late Upright Type. We are very certain that florists and amateurs will find this a very pleasing and popular color; flowers are large, well formed, substantial and very full centered. Per pkt. 20 cts.; 2 for 35 cts.

MIXED ASTERS

All classes and colors mixed in great variety, 15 cents

The artistic beauty and immense size of Vick's Rochester Asters have won for them universal admiration and praise



VICK'S LAVENDER ROCHESTER

VICK'S MIKADO ASTERS

Packet, 15 cents; two for 25 cents.

Vick's White Mikado, was the forerunner of this beautiful group of Comet Asters. The great shaggy, white flowers are made up of petals that are curled and twisted so that the flowers resemble fine white Chrysanthemums. The flowers are carried on stems of good length. The plants have a spreading habit, similar to that of the Branching Asters. The White Mikado is among the earliest of the mid-season Asters, coming immediately after the extra early varieties.

Vick's Rose Mikado. A deep, brilliant rose color. Like the White Mikado except in color.

Vick's Dark Violet Mikado. A rich, deep purple violet. The flowers are full double, very decorative in character and borne on good, stout stems.

Vick's Shell Pink Mikado. No list of colors is complete without this soft pleasing delicate shade on good strong stems and vigorous flowers.

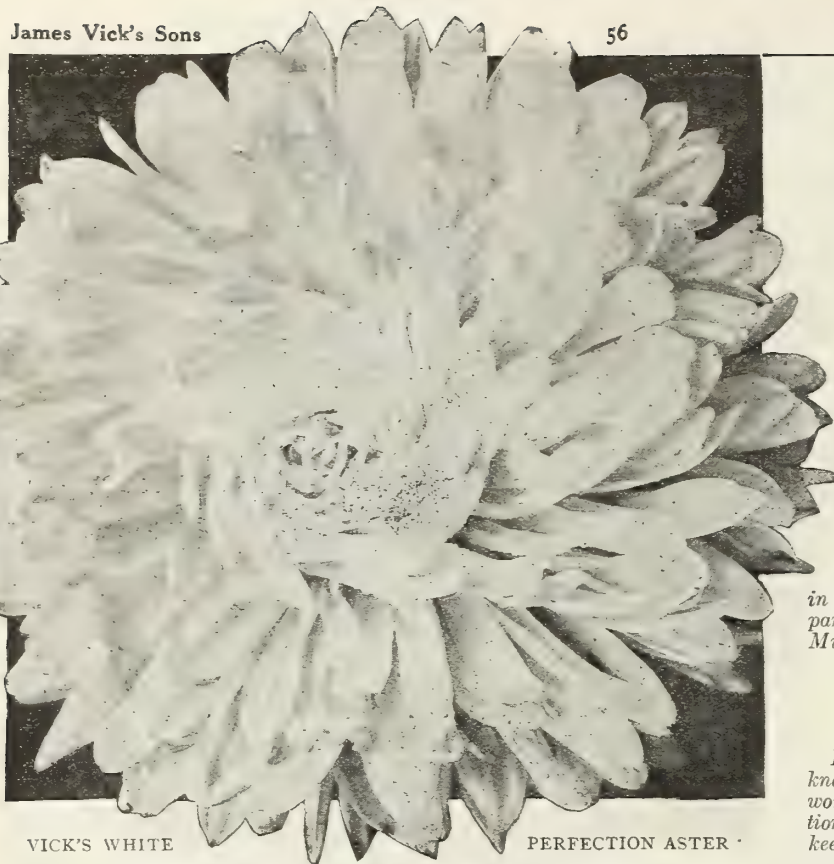
AMERICAN COMET or CREGO ASTERS

This splendid strain of Asters have large flowers, with long, narrow, loose petals of the Comet type and grow in a variety of beautiful colors. The plants are of the branching family and are very vigorous and productive. They bloom in mid-season or just before the Late Branching and present a most pleasing spectacle in the garden. Packet, 15 cents.

White, Shell-Pink, Rose, Purple, Lavender.

One Packet each of the above colors. Five Packets, for 65 cents.

All colors mixed, extra fine, Packet, 15 cents.



VICK'S WHITE

PERFECTION ASTER

VICK'S PERFECTION ASTERS--Upright

This is one of the most popular classes of Asters ever introduced. In shape of plant they are erect or upright like the Imperials as distinguished from the widely branching sorts. They are very vigorous, and somewhat larger than any other mid-season uprights. The flower petals are incurved like those of Peonies. The Rose, Lavender and Purple Perfection have a beautiful sheen on each petal which, especially in sunlight, gives the flowers the effect of changeable colors

WHITE PERFECTION

We consider this the finest mid-season White Aster in cultivation. Grown under ordinary farm conditions, the flowers averaged four inches in diameter. They are exquisite in form; the broad petals are slightly folded lengthwise, making them appear rather narrow. When first opened the entire flower is strongly whorled, producing a charming effect. In mature flowers, the outer rows of petals are straight, but the center still retains its characteristic strong whorl. The plants are extremely vigorous, with unusually broad dark green leaves and stout stems, and are taller than those of the late upright Asters. They carry about twelve large flowers on long stems free from side branches. **Packet, 20 cents; two for 35 cents.**

BLUSH PERFECTION

An exquisitely dainty companion to the White Perfection. The flowers are equally large and have the same beautiful whorled form, but the color, instead of being snowy white, is an extremely delicate shade of flesh pink. The plants are similar in height, season of bloom and number of flowers, but the Blush Perfection makes a more slender growth. **Packet, 20 cents; two for 35 cents.**

SHELL PINK PERFECTION

Like the Blush Perfection, recently introduced, the Shell Pink Perfection makes a tall, slender growth. The large, very double flowers are borne on stems of great length, making them especially valuable for bouquets. The color is a beautiful shell pink, distinctly deeper in shade than Blush Perfection. In the fully opened flower the outer petals are widely spread, while the center of the flower is strongly whorled and the petals are also incurved.

Packet, 20 cents; two for 35 cents.

VICK'S PERFECTION ASTERS, ALL COLORS, MIXED, PACKET, 20 CENTS; TWO FOR 35 CENTS

VICK'S CARDINAL

One of the best varieties for borders or beds. It has a very long season of bloom. The buds are a rosy carmine; the fully open flowers, which develop quite slowly, are a brilliant glowing cardinal, gradually fading to a deep crimson. The whole plant has a dark, rich color; even the dry and withered flowers retain so much color that the plant does not become unsightly. In the new strain of Cardinal now offered the middle of the flower is filled with long quill-like florets, so that it never shows a yellow center.

Packet, 20 cents; two for 35 cents.

Vick's Asters Win Prizes

It may interest you to know that Asters grown from your seed and exhibited at the Minnesota State Fair, won the BLUE RIBBON - there being nothing in all the exhibits that could in any way compare with them.

Minneapolis, Minn. Sept., 16, 1922.

Geo. Greaves

Chicago, Ill., March 13, 1922.

I find your seeds far superior to any other I know and everyone will produce a plant. We won six first prizes and an honorable mention one-for your Asters and always take a keen interest in them.

J. M. Chaplin

ROSE PERFECTION

The flowers of the Rose Perfection are a deep, bright rose color. They are of the same strongly whorled, incurved type as those of the Blush and Shell Pink Perfection; there is a decidedly pronounced twist to the petals. The Rose Perfection also resembles the Blush and Shell Pink Perfection in growth, the plants having the same tall, slender, long-stemmed habit.

Packet, 20 cents; two for 35 cents.

LIGHT LAVENDER PERFECTION

This lavender color in a flower of the Perfection type is particularly beautiful. In combination with White Perfection, either in the garden or when cut, it makes a very handsome showing. Many of our friends pronounce it the best Light Lavender they have ever seen. **Packet, 20 cents; two for 35 cents.**

CRIMSON PERFECTION

This beautiful Aster has attracted the attention of everyone who has seen it. The flower is of very fine form, large and strongly whorled, and borne on long stout stems. Plants are vigorous, and the foliage of an unusually fine color.

Packet, 20 cents; two for 35 cents.

PURPLE PERFECTION

The flowers of the Purple Perfection are, like those of the other members of this class of Asters, large, and borne on tall, strong stems. In color, they are a rich purple, which places them among the most desirable of the Perfection type.

Packet, 20 cents; two for 35 cents.

Vick's Pink Enchantress

This splendid Aster, introduced by us recently, is highly commended by our customers, and large quantities are grown annually by commercial florists. The immense flowers of a soft, delicate pink, are borne on strong, upright plants. The color is that of the popular "Pink Enchantress" Carnation. In Asters, the color is between that of Vick's Daybreak and the Semple's Pink Branching and although very delicate, does not fade. In size the flowers are equal to those of the largest Branching Asters. They are made up of broad petals, loosely arranged, and the effect is indescribably soft and pleasing. Nothing could excel in refined beauty a vase of Vick's Pink Enchantress Asters. The plants, of upright type, are tall and strong.

Packet, 20 cents; two for 35 cts.

Dearborn, Mich., April 29 1922.

I want to say that the Aster seed I received from you last year were the finest we ever tried especially the Pink Enchantress and the Peerless Yellow. The pink is the most beautiful Aster I ever saw. It is just grand such a delicate pink and the yellow, well words cannot describe it, you just have to see to believe. The pink and yellow are just beautiful. I wish everybody would try them and see what beautiful Asters they are.

Mrs. Thos. Gray.

Peerless Yellow Aster is shown on p 2

VICK'S AUTUMN GLORY

A New, Very Late Branching Aster

Pure sea-shell pink. While similar in color to Semple's Pink, with which most growers are familiar, it has a better and more substantial flower, a deeper and longer keeping color, and larger and stronger type of plant. Its most distinctive characteristic and chief claim for recognition, however, is the fact that it is later in season than any of the other varieties. While it cannot take the place of others of similar color, which are earlier, it supplements them by blooming after the other Late Asters are past their prime, and before the early Chrysanthemums are ready, thus prolonging the Aster season two weeks, and coming at a time when good flowers are extremely scarce. Vick's Autumn Glory will be a money-maker for the commercial grower, and a delight to the amateur. It comes uniformly true to color and type. The flowers are very double and are borne on stems of unusual length. **Packet, 20 cents; two for 35 cents.**

VICK'S ASTER PLANTS

We grow millions of Aster plants every season, but there are so many difficulties connected with shipping them that we strongly urge our customers to raise their own plants from our seed. Plants are not ready for transplanting until about June 1st., a time when the weather is apt to be warm. Although parcel post shipments are in general satisfactory, even one day's delay in transit might be enough to destroy Aster plants, no matter how carefully wrapped, confined in a mail sack with hundreds of other packages. Then even should they arrive in the best of condition, the weather on that particular day might not be favorable for setting them out. Therefore we feel sure we are acting for the best interests of our friends in urging them to buy seed instead of taking chances with plants.

Prizes were awarded at many of the leading fairs throughout the country to Vick's Asters grown by our customers



VICK'S PINK ENCHANTRESS

VICK'S TRIUMPH COMET

A magnificent new class of mid-season Asters with extra long stems and large, fluffy, full, double flowers of the finest type. Splendid Mikado or Rochester flowers on tall, upright plants, blooming early in the season. In comparing Vick's Triumph Comet Asters with other upright Comet Asters as they are grown on our farms, under as favorable conditions as our Asters ever receive, we find that the plants of Vick's Triumph Comet are taller, the stems longer and the flowers more double than those of other varieties of the same class.

We offer Triumph Comet Asters in these colors: White, Purple, Shell Pink, Rose, Lavender.

Packet, 15 cents; two packets, 25 cents. Vick's Triumph Collection of the five colors, four packets, 50 cents.

Triumph Comet, mixed colors, packet, 15 cents.

Portland, Oregon. Jan., 25, 1922.

The Asters will be planted at my summer home at Seaside Ore. within 200 feet of the shore of the Pacific ocean, as they have been for some years, and such blossoms! I dare say none have ever been seen even in Rochester that equal them in size and beauty.

P. E. Stowell.



A FIELD OF COSMOS GROWING FOR SEED ON ONE OF OUR FARMS.

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VICK'S ANNUALS

THE Annuals are valuable treasures to both amateur and professional gardener. In every conceivable spot in the garden some variety will be found especially well adapted. Every bed can be made brilliant with these favorites, for there is no situation or soil in which some of the Annuals will not flourish. Some members delight in shade, others in sunshine; some are pleased with a cool clay bed, like the Pansy; while others are never so comfortable as in a sandy soil and burning sun, like the Portulaca. Still others seem perfectly indifferent, and will grow and flower under almost any circumstance. Some kinds should be planted very early in the spring, while a few will give an abundance of bloom if planted quite late in the season.

To the Annuals, mainly, are we indebted for our brightest and best flowers in the summer and autumn months. Without the Phlox and Petunia and Portulaca and Aster and Stock, our gardens would be poor indeed, and poorer still without the sweet fragrance of the Alyssum, Mignonette and Sweet Pea. Our list of Perennial flower seeds begins on page 79, hardy plants and bulbs on page 84.

AGERATUM

The pretty, brush-like flowers of the Ageratum are produced in clusters constantly all through the summer. The plant has a neat, bushy habit. Excellent for bedding or for bouquets. Seeds may be sown in a mellow seedbed in the open ground, or under glass early in the season. **Pkt.**

Little Dorrit. Azure blue. Very dwarf. Free flowering	10
Little Dorrit, White. Same as above, except in color of flower.	10
Blue Perfection. Splendid dwarf bedding variety, the darkest of all blue Ageratums. $\frac{1}{4}$ ounce, 40 cents	15
Coerulium, Blue	10
Princess Victoria Louise. Dwarf. Bright blue, white center	10
Mixed Varieties. $\frac{1}{4}$ ounce, 15 cents; $\frac{1}{2}$ ounce, 25 cents	5

ALLEGHENY VINE

Adlumia cirrhosa. Wood Fringe. Graceful hardy biennial climber with feathery foliage like the Maiden Hair Fern. Bears a profusion of pretty and curious pink flowers. Easily grown, and blooms first year from seed. Likes a damp, cool place. Often reseeds itself. **Pkt. 15**

ALYSSUM (See also pp. 79 and 84)

Small white flowers, delicately fragrant, valuable for cutting and for bedding. Sow in early spring or even the previous autumn. In the border the plant is covered with bloom the entire season. For winter bloom sow the last of August, thinning to about a dozen plants for a good sized pot or basket. When out of bloom cut back for a second crop of flowers. **Pkt.**

Sweet Alyssum. $\frac{1}{2}$ ounce, 25 cents; ounce, 40 cents	5
Little Gem. Dwarf, compact. Not over six inches high. Covered with fragrant white flowers the entire summer. $\frac{1}{4}$ oz., 25 cts.; oz., 75 cts.	10
Carpet of Snow. As the name indicates, this variety forms a close mat completely covering the ground with white bloom. $\frac{1}{4}$ ounce, 25 cents; ounce, 75 cents	10

AMARANTH

Bright colored foliage plants from three to five feet high. Easily grown annuals thriving in hot sunny locations. **Pkt.**

Sunrise. This and the new variety, Sunset, are the most brilliantly colored of the Amaranths. Lower leaves dark maroon; top of plant glowing crimson scarlet all summer.	15
SUNSET. New last season. We regret to state that unusually wet weather last spring almost completely washed out our crop so that we have no seed of this wonderful new variety to offer this season. We hope to have better luck next year.	
Tricolor (Joseph's Coat). Foliage crimson, yellow, bronze	10
Caudatus (Love-lies bleeding). Brilliant crimson foliage, drooping.	10
Vick's Fine Mixture	5

ASPERULA (See also page 79)

Flowers fragrant. Plants bloom profusely. About nine inches in height. Thrive well in the shade. Fine for borders and rockeries. **Pkt.**

Azureta setosa. Annual. Fragrant sky-blue flowers. Blooms all summer.	10
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Sunrise Amaranth with its flaming red tops bears a striking resemblance to the brilliant and well-known Poinsetta.



BORDER OF ALYSSUM, GERANIUMS AND PIVET IN BACKGROUND

AGROSTEMMA (Rose of Heaven)

Coronaria. A very pretty old favorite hardy annual of graceful habit; flowers of light rose, shaded white; silvery white foliage.	10
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Vick's Giant Antirrhinums (SNAPDRAGON) (Hardy Annual)

This fine old time favorite is again becoming very popular. It has been greatly improved in recent years. As a bedding plant it blooms continuously until late in the fall. Since the long spikes of brilliantly colored flowers are deservedly very popular for cut flowers, Snapdragons are grown extensively by florists for winter use. Grow two to three feet high. Sown in early spring it blooms freely the first season. For early flowers sow seed in midsummer and protect the young plants over winter. Plants from seed sown in the spring will live over winter if not allowed to bloom much the first year. They should have some protection in winter.

Giant Flowered Varieties. Oftall growth with flowers double the size of ordinary sorts.

Bright Crimson	10	Scarlet and Gold	10
Crimson - white throat . .	10	Silver Pink	15
Deep Scarlet	10	Queen Victoria - white . .	10
Rose	10	Venus - pink on white . . .	15
Scarlet white throat, Firefly	10	Yellow	10

Vick's Extra Fine Giant-Flowered Mixed. ounce, \$1.00; 1-4 oz. 35 cts.; pkt., 10 cts.
New Large Flowered Half Dwarf Varieties. Of stocky growth with magnificently colored very large spikes of flowers. Far superior to tall varieties for bedding as they are more compact.

Amber Queen - canary yellow overlaid chamois pink, golden lips.	10
Pink and Terracotta Shades.	10
Coral Pink, with white throat.	10
Fair Maid, deep flesh pink, white center.	10

Golden Morn, raspberry red and old gold, golden lips. . .	10
Morning Glow, bright terracotta orange.	10
Purity, pure glistening white	10

BALLOON VINE

Cardiospermum, Love-in-a-Puff. A rapid-growing summer climber, with small white flowers, followed by curious inflated seed pods. Packet, 10 cents.

VICK'S GIANT-FLOWERED
ANTIRRHINUM

BALSAM. Lady's Slipper

The seed of this popular old-fashioned annual should be sown either in the house, or in the garden after the ground has become warm. The plants do best in a rather light, rich soil. They transplant readily, and the flowers are much finer if the plants have plenty of room; one foot apart each way is not too much space for best results. Grown this way and given plenty of water the Balsam will make a splendid show and will remain in bloom for a long time. The plants grow about two feet in height.

Camellia-flowered varieties. Superb double flowers in a variety of colors as follows:
White Perfection, Pkt. 15 cts. Deep Scarlet, Pkt. 15 cts. Light Pink, Pkt. 15 cts.
Mixed. Many fine shades, Pkt. 10 cts.

BRACHYCOME

Swan River Daisy. Annual. A charming little flower in blue or white. Plants compact, 12 inches in height, with neat slender foliage. Easily grown and blooms the whole season. Mixed colors. 10

CALLIOPSIS

Plants about two feet in height, of slender growth, and should be given plenty of room to spread. The flowers are of various shades of yellow and orange, variegated with rich velvety crimson or maroon. These graceful flowers are excellent for bouquets, their warm and brilliant tints harmonizing well with all other colors. The seed grows very readily, and may be sown where the plants are to flower. We have an extra fine strain grown on our own farm. Annual. Pkt.

Coronata. Plants compact and of a bright rich green. Bloom early and continue until late fall. Flowers golden yellow, about the size of a silver dollar 10

Drummond (Golden Wave). Plants bushy, compact, covered with rich golden yellow flowers, chestnut-brown center 10

Dwarf Varieties Mixed. Fine for edging or pots 10

Tall Varieties Mixed. Grown on our own farms. A splendid mixture of gold, red, maroon and bronze in charming combinations. One-quarter ounce, 20 cents. 10

CANNA

(For Bulbs see)
page 102

The Canna will bloom from seed the first year if sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.

Crozy's Hybrids. Gorgeous bedding plants, dwarf in habit, early bloomers, and remarkable for beauty, size of flower and foliage. If seeds are sown before April in hotbed or greenhouse, the plants will bloom in July, and continue until frost. These plants may be potted in the fall and kept blooming through the winter, or the roots may be taken up in late fall and re-planted the following spring. Pkt.

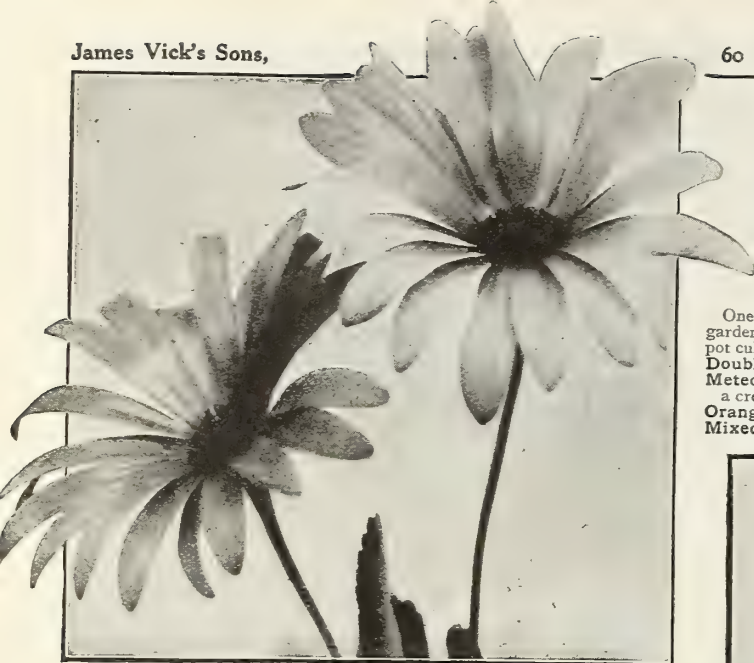
Mixed Varieties. 1/4 ounce 20 cents; ounce, 50 cents 10

Fancy Varieties. Seeds selected from the best of the newest sorts.

1/4 ounce, 25 cents; ounce, 60 cents 15

Vick's Giant Antirrhinums with their long graceful spikes of brilliant color should have a prominent place in every garden.

BALSAM—LADY'S SLIPPER



AFRICAN DAISY

CANDYTUFT (See page 80 for hardy varieties)

Candytuft has long been among the most highly prized of garden annuals. The best effect is produced by raising the plants in masses, the seeds being sown where the plants are to bloom. Sow in rows six to eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich. When blooming time comes keep the plants well watered.

Purple, White Rocket, Carmine, Lavender, Flesh, Extra Dark Pkt.
Crimson. Each Color, $\frac{1}{4}$ ounce, 15 cents; ounce, 50 cents. 10
Mixed colors of above Six Varieties. Ounce, 40 cents. 5

Empress. A pure white variety, of large size, and the finest in cultivation. Strong, free grower, producing large trusses of flowers, on candelabra-formed branches; individual flowers of large size. After devoting several years to selecting and saving seed from only the most perfect flowers, we have succeeded in procuring an extra fine strain of this grand variety. $\frac{1}{4}$ ounce, 25 cents; ounce, 60 cents. 10

Pinnata. (Odorata, sweet-scented.) Compact plants with fine feathery foliage and pure white flowers. Splendid for edging. Retains a neat appearance throughout the season. $\frac{1}{4}$ ounce, 25 cents; ounce, 60 cents 15



EMPRESS CANDYTUFT

After hard frosts, when other annuals are gone, our fields of Calendulas are still a mass of yellow and orange

AFRICAN DAISY

New Hybrids. The blooms of these New Hybrids of the Golden Orange African Daisy, *Dimorphotheca aurantiaca*, comprise a wonderful variety of beautiful and delicate shades of color, ranging from pure white through pale salmon and primrose tones to deepest orange. The flowers are very graceful and are produced in the greatest profusion all summer. A bed of the New Hybrid African Daisy makes a continuous and charming display of color. Pkt 10

CALENDULA or Pot Marigold

One of the best and showiest free-flowering annuals. Will grow in any good garden soil and produce a fine effect in beds and mixed borders. Valuable for pot culture, blooming in the winter and early spring. One foot high. Pkt

Double Sulphur. Flowers large and double. Color light-lemon-yellow 10

Meteor. Handsome, double, and beautifully striped, the petals having a creamy center edged with orange-yellow 10

Orange Giant. The finest large-flowered orange. Very double. 10

Mixed Varieties. $\frac{1}{4}$ Ounce, 15 cents; Ounce, 50 cents 5



CALENDULAS

CALIFORNIA POPPY—Eschscholtzia

The brilliant *Eschscholtzia* is California's chosen State Flower. The plants grow to about a foot in height; the leaves are of a grayish green color, finely cut and divided. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds should be sown where the plants are to bloom. Pkt.

Mikado. Brilliant orange scarlet 10

Golden West. A beautiful variety: color light orange-yellow 10

Rose Cardinal. Outside of flower carmine, inside nearly white. 10

Single Varieties, Orange, Yellow and White, each 10

Double Varieties, Orange and White, each 10

Single Varieties Mixed, oz., 50 cents; $\frac{1}{4}$ oz., 20 cents, 10

Double Varieties Mixed 10

For general list of Poppies, See page 71.

CYPRESS VINE

Ipomoea Quamoclit. One of the most graceful and beautiful of garden vines. Its scarlet or white flowers are produced in profusion, and its exquisite finely-cut foliage is well adapted to ornamental work. In rich soil it attains a height of ten feet. Pkt.

White and Scarlet, each 10

Mixed, ounce, 50 cents; $\frac{1}{4}$ ounce, 20 cents 5

CLARKIA

This hardy easily grown annual is very popular in Europe and is becoming better known here. The flowers of various shades of red, pink and white are borne on leafy racemes on plants 2 ft. high.

Single mixed, pkt., 10 cts. Double mixed, pkt., 10 cts.

CELOSIA CRISTATA, (Cockscomb)

The Crested Celosia or Cockscombs are interesting and brilliant and very easily grown. They form bright colored solid heads of large size. Excellent for border or pot plants.

Glasgow Prize. Large dark crimson comb	10
Empress. Leaves dark maroon; heads crimson. Fine	10
Choice Varieties Mixed. Brilliant colors	5

CELOSIA PLUMOSA, (Feathered)

The Feathered Celosias beautiful feathery plumes of great size and various forms. The following include the finest varieties we have ever seen.

Pride of Castle Gould. The new Ostrich Plume Celosia. An entirely distinct type of the Feathered Celosia. Pyramidal compact growth of from two to three feet, covered with immense extra fine feathered heads, a most striking and unique appearance. Several brilliant colors	20
Golden Plume. Bright golden, feathered	10
Superba plumosa. Superb feathered, bright crimson	10
Thompson's Superb Crimson Feathered. Splendid. One of the best.	10
Mixed Colors	5

CHINESE WOOL-FLOWER

A unique type of Celosia Plumosa. Plants grow two to three feet high and throw out scores of branches bearing beautiful ball-shaped flower heads, somewhat resembling balls of deep crimson-scarlet wool

Packet 20 cents; two for 35 cents.

NEW CELOSIA GAY CAVALIER

Celosia Plumosa Cristata. Gay Cavalier is a new remarkably beautiful variety of Feathered Celosia which is also crested or crowned with numerous small cockscombs of varied and fantastic shapes. The plumes are as gracefully airy and fluffy as the finest ostrich plumes and are of various shades of silvery pink, silvery salmon, deep red, gold and orange.

Per packet 20 cents; two for 35 cents.

CENTAUREAS

Under this heading we list the popular Bachelor's Button, Basket Flower, Sweet Sultan and Dusty Miller. All are annuals or half-hardy perennials, fine for vases, baskets and pots—for bedding, borders and edgings.

Centaurea Imperialis Sweet Sultan

These mammoth varieties are great improvements on the old Sweet Sultans. Easily and successfully cultivated everywhere. The flowers are two to four inches across, of graceful form, and of the sweetest fragrance. Being on long, stiff stems, they are admirably adapted for cutting, keeping a long time. Bloom continuously until late autumn. Plants grow two to four feet high.

Odorata. Light blue	Pkt. 10
Marguerite. Pure satin white	10
Suaveolens (Yellow Sweet Sultan). Large fragrant flowers produced all summer. Fine for cutting. Two feet high	10
Mixed Colors, including many shades. Oz., \$1.00; ¼ oz., 30 cts.	10

CENTAUREA SILVER LEAF Dusty Miller

Low growing white-leaved perennial varieties, used for ornamental bedding, edging, vases, etc. Grows 12 to 15 inches high.

Candidissima. Leaves silvery-white, much divided.	Pkt. 10
Gymnocarpa. Leaves silver-gray, finely divided	10



NEW CELOSIA

GAY CAVALIER

Centaurea Cyanus

Bachelor's Button, Corn Flower, Ragged Sailor, etc.

One of our best known hardy annuals. Blooms freely and is easily grown. Eighteen inches to two feet high. Splendid in a hardy border and for vases. Pkt.	
Double Blue. Finest of the Corn Flowers. Full double flowers of deep blue. ¼ oz., 50 cts.	10
Emperor William. Fine Dark blue. Ounce 75 cents	10
Pure White.	10
Mixed Colors. ¼ ounce, 20 cents; ounce, 60 cents	5

Centaurea Americana

Basket Flower. Grows three to five feet, bearing immense, thistle-like blooms of rosy-lavender color on long stems. Handsome in the garden or as a cut flower.

CHRYSANTHEMUMS

For plants see page 100.

The Annual Chrysanthemums present a varied array of showy, attractive flowers. They are free-blooming, easily-grown, excellent for cut flowers.

SINGLE FLOWERED

Golden Feather, Carinatum, Tricolor. Foliage striking yellow. Flowers yellow, with crimson ring near center	Pkt. 10
Frutescens. Paris Daisy or Marguerite. Large white flowers	10
Single Varieties mixed	5

DOUBLE FLOWERED

Bridal Robe. Double pure white flowers	10
Coronarum. Double white	10
Double yellow	10
Double Varieties mixed	5

DATURA

Large, strong-growing plants, with large, trumpet-shaped flowers. Roots can be preserved in the cellar like Dahlias. Three to six feet in height.

Wrightii. The best single variety, white tinged with lilac, sweet-scented.	Pkt. 10
Double Varieties Mixed	5
Cornucopia. Outer trumpet purple, inner trumpet white	10

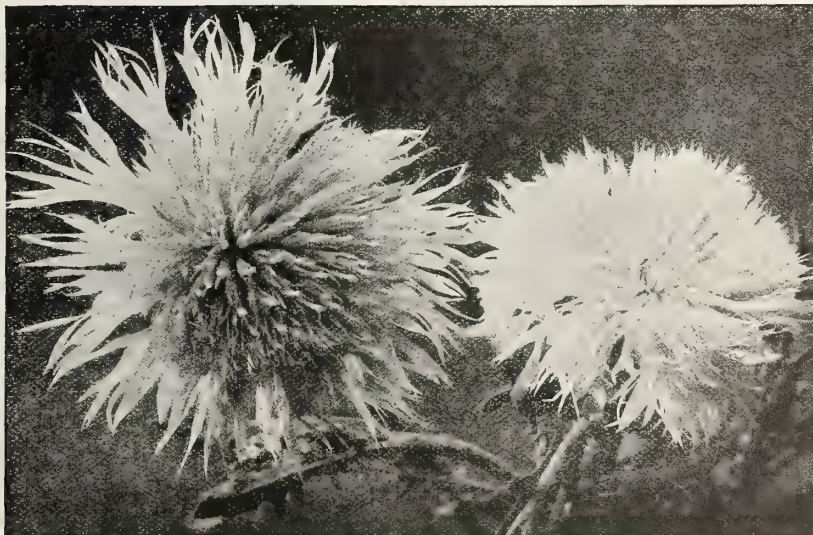
DAHLIA (For Bulbs)

Choice Double varieties mixed	Pkt. 10
Finest Single varieties mixed	10

GLADIOLUS (For Bulbs)

Mixed from Choice Named Varieties	10
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The flowers of *Centaurea Americana* are strikingly beautiful and always attract attention at Flower Shows



CENTAUREA IMPERIALIS OR SWEET SULTAN

Vick's Early-Flowering Giant Cosmos

This well-known, popular annual has earned an enviable place in the flower world because it bears its large, beautiful flowers in late summer and autumn when other flowers are scarce. We are especially proud of our Early-Flowering Giant Cosmos, a new strain developed on our farm, especially selected for earliness and size of bloom. It grows so rapidly that seed can be sown out of doors where plants are to grow. In a few weeks the plant will be covered with a mass of large, beautiful flowers, and will continue to bloom until frosts come in the fall. The flowers of this excellent strain are fully as large and beautiful as the very best late flowering kinds, and come in various shades from pure white to purplish pink. Unsurpassed for cutting. See picture of field on page 59.

Separate colors, Extra Early-Flowering, White, Pink, Crimson each	10
Mixed colors, Extra Early-Flowering, $\frac{1}{4}$ ounce, 30 cents	10
Cosmos Collection of 3 packets of Extra Early-Flowering, one each of white, pink and crimson	25
Giant Pink Lady Lenox. A new variety. Flowers much larger, with wide, overlapping petals, making a perfectly full circular flower. Extra long stems and splendid for cutting. Color a deep rosy pink. $\frac{1}{4}$ oz., 40 cents Pkt	10
Giant White Lady Lenox. Same as above with white flower. $\frac{1}{4}$ oz., 40 cents	10
Mammoth Perfection. A vast improvement over the old sort; flowers double the size, the petals being broader and overlapping, forming a perfectly round flower. Fine for cutting for bouquets and vases, keeping several days in water, and lasting out doors until cut down by frosts. Pkt.	10
Pure white, Pink, Crimson, each, $\frac{1}{4}$ oz., 20 cents	10
Mammoth Perfection Mixed, $\frac{1}{4}$ oz., 20 cents	10
Dawn. Early-flowering. Flowers good size; white, tinged rose.	10
NEW CRESTED COSMOS. Bears large double flowers, but otherwise resembles the single flowering variety. White Queen, Crimson King, Pink Beauty, each	20

CARDINAL CLIMBER

The Most Beautiful and Brilliant Annual Climber Ever Sent Out

A strong, rapid grower, attaining a height of thirty feet or more, with beautiful fern-like lacinated foliage, covered with fiery cardinal-red flowers from midsummer till frost. The flowers are about $1\frac{1}{2}$ inches in diameter, and are borne in clusters of five to seven blossoms each. It delights in a warm, sunny situation and good soil. Pkt. 15

COBOEA SCANDENS

Another beautiful annual climber, of rapid growth, with fine foliage; flowers bell-shaped, almost one and one-half inches across and two inches long. In good soil the stems often grow twenty to thirty feet long and cover a large surface. Plants begin flowering when quite young. Put the seed in barely moist earth, edge down, and barely cover with light soil. Do not water until the plants appear, unless the soil is very dry. Purple. Pkt. 10

VICK'S EARLY-FLOWERING COSMOS

DIANTHUS—Garden Pinks

The varieties of Dianthus known as Chinese Pinks and Japanese Pinks are among the most brilliant of our garden flowers, and are worthy of particular care. The plants are from twelve to fifteen inches in height. Seed can be sown under glass in the spring, or in an open, sheltered bed. The plants are easily transplanted, and should be set from eight to twelve inches apart. Blooms the first summer, and also the second, if the flowers are freely picked, and the plants are protected in the winter.

DOUBLE GARDEN PINKS

Chinese or Indian. Blooms in clusters. Flowers double. Best mixed.	10
Diadem. Dazzling colors with distinct black markings. Beautiful variety.	10
Fringed. Deeply fringed. Magnificent large flowers in rich colors	10
Heddergii. Beautiful large flowers in rich color patterns. Fringed	10
Imperial. The large double flowers distinctly marked. Choice colors	10
Mourning Cloak. Very dark velvety crimson bordered with white	10
White. Large double flowers.	10
Double Varieties Mixed, $\frac{1}{4}$ oz., 30 cents	5

SINGLE GARDEN PINKS

The rich markings show more plainly than in the double flowers.	
Fringed. The deep fringing gives an effect of richness and elegance.	10
Heddergii. Large flowers in a variety of brilliant colors	10
Single Mixed Annual Varieties, $\frac{1}{4}$ oz., 30 cents	5

Carnation Pinks (For Plants see page 101)

The various kinds of Carnation Pinks are all closely related to the greenhouse varieties of Carnations. All are deliciously fragrant, and all have the same narrow, grass-like foliage. All are hardy or half hardy perennials. Finest of the Dianthus group. Pkt.

Marguerite. Like the winter blooming Carnations, but bloom the first year from seed. A great variety of beautiful shades and fragrant double flowers. Seeds should be sown inside to give longer season of bloom. Plants can be taken up in pots for winter blooming.	10
Pure White, Yellow, and Mixed Colors, each	10
Giant Flowering Marguerite. An extra large-flowering strain of Marguerites. Stronger plants and equally early. Mixed Colors	15
Dianthus plumarius. Pheasant's Eye, Grass Pink, or June Pink. Fine for massing. Closely related to the Carnation but smaller flowers and more hardy. Flowers beautiful and fragrant.	10
Single Mixed, one-quarter ounce, 25 cents	10
Double Mixed. (Grass Pink, or June Pink)	10

Vick's Extra Early-Flowering Cosmos is one of the most beautiful, showy and desirable annual plants for the flower garden



SINGLE AND DOUBLE GARDEN PINKS

DELPHINIUM or LARKSPUR, Annual

(For perennials see pages 82 and 83)

These beautiful annuals bloom very freely and produce large spikes of long-keeping flowers, white, pink, rose, light blue, dark blue, and violet. In some varieties the flowers are double, in others single. The beautiful plume-like foliage is very ornamental, and the whole series are excellent for bouquets and table decorations. They prefer a cool soil and season. Sow seed in fall, or early in spring. The branching varieties grow two feet high, and should stand eighteen inches apart. The Rockets should be thinned to five or six inches apart.

Pkt.
Double Dwarf Rocket. One foot in height. **Mixed Colors.** ½ oz., 25 cts.; oz., 40 cts. . . 10
Double Tall Rocket. Large plant; very showy. Two feet high. **Mixed Colors.** ½ oz., 30 cts. . . 10
 oz., 50 cts. . . 10
Stock-Flowered. Double. Branching. Fine for cutting. Two feet high. **Mixed Colors.** . . 10
Emperor. Our own special strain grown and developed on our own farms. Of compact form. A brilliant assortment of colors. Two feet high. **Mixed Colors.** ¼ oz., 25 cts.; ½ oz., 40 cts. . . 10

GAILLARDIA, Annual (See also pages 82 and 86)

The Annual Gaillardia combines the grace and beauty of the Perennial Blanket Flower in Picta, with Aura Bicolor a beautiful cluster or head of rich brown tubular flowers tipped with gold, two to three inches across fine for cutting and last long in water. Set plants 12 inches apart. Half Hardy

Picta Lorenziana. Fine double. Flowers two inches in diameter. ¼ ounce, 45 cents . . . 15
Mixed Single Annual Varieties. ¼ ounce, 25 cents . . . 10

HELIOTROPE

This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. Seed sown early in the spring in the house will make fine plants for summer bedding.

New Hybrids. A splendid strain of giant flowering. **Choicest Mixed Colors.** . . . Pkt. 10

HUNNEMANNIA, Tulip Poppy

Hunnemannia fumarifolia, Giant Yellow Tulip Poppy. This very beautiful plant forms a shrubby bush two feet in height, with finely-cut foliage, similar to that of the California Poppy and produces large tulip-shaped flowers on long stiff stems, from August to November. The color is a clear, brilliant yellow, the petals resembling crushed satin. The flowers will keep in water for several days. Sow seed early in the spring, in shallow drills where the plants are to bloom. **Pkt 10**

IPOMOEA, Moon Fower (For plants see page 104)

The Ipomœas are climbers of rapid growth. If planted in rich soil in a sunny location and given plenty of water will grow to a height of 60 to 70 feet during a single summer, and will bear immense fragrant flowers of glistening white 7 to 8 inches across. The flowers open at sunset and close the next morning. To hasten germination soak seed in warm water a few hours.

Bona Nox. Good Night or Evening Glory, Moon Flower. Flowers large, white. ¼ oz., 20c. . . 10
Giant Pink Hybrid. The soft lilac-pink flowers are produced abundantly all summer and fall. . . 10

For other varieties of Ipomœa, see Cypress Vine, Morning Glory and Cardinal Climber.

HYACINTH BEANS or Dolichos

Dolichos lablab. This really beautiful climbing plant is of quick growth; the foliage is handsome, and the clustered spikes of purple flowers are borne in great profusion. The shining purple seed-pods are also very ornamental. Tender annual, growing six to eight feet. Seed should be sown where plants are desired, in as warm and dry a spot as possible. ½ oz., 25 cts. . . Pkt. 10

New Japan. A new and beautiful variety, with large, pure white flowers and waxy white seed-pods. Grows eight to ten feet . . . Pkt 10
Mixed Pkt 10



ORNAMENTAL GOURDS

Make your garden beautiful and useful throughout entire year by proper selection of early and late varieties.



LARKSPUR—DELPHINIUM

EUPHORBIA

Strong-growing, very ornamental foliage plants of easy culture, suitable for beds of tall plants or mixed borders. 2 to 3 feet.

Variegata - Snow on the Mountain. Very showy foliage of green bordered with white. Topmost leaves almost entirely white. **Pkt. 10 cts.**

Heterophylla - Fire on the Mountain. Sometimes called Annual Pottsettia because of the cluster of vivid red leaves that appear at the ends of each branch about midsummer. The rest of the foliage is smooth, dark glossy green. **Pkt 15 cts.**

GOURDS

The Gourds are prized for their rapid growth and their odd-shaped and highly colored fruits. They are useful for covering arbors, old fences, stumps, etc. The fruits, when allowed to ripen, can be kept for years. **Pkt.**

African Pipe Gourd. The fruit of this Gourd is used in making the pipes now so popular on account of their lightness and coloring qualities . . . 10

Dish-rag, or Sponge. (Chinese Luffa.) When ripe the inside resembles fibrous cloth, which can be used as a sponge . . . 10

Balsam Pear has ornamental foliage. When ripe the golden yellow fruit opens, displaying the carmine interior. . . 10

Calabash. The old-fashioned dipper gourd. . . 10

Knob Kerrie. A very popular and ornamental variety that bears a long, slender-stemmed fruit with a ball-like knob on its end. Green, changing to mottled yellow. . . 10

Nest Egg. White, perfect egg shape. . . 10

Wild Cucumber. Echinocystis lobata. A fast-growing climber running 30 feet in season. White fragrant flowers, prickly seed pods. 10

Hercules' Club. Strong-growing climber bearing fruit of great length. 10

Mixed Varieties. Contains a great variety of curious forms in addition to the kinds named above. . . 5

GYPHOPHILA

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of masses of other flowers, and are especially useful with Sweet Peas and other flowers that cannot readily be cut with their own foliage. For Perennial Gypsophila see page 81.

Elegans. Beautiful, hardy annual. Blooms profusely. Flowers white, pink and rose mixed. ¼ ounce, 20 cents . . . Pkt 10

VICK'S MARIGOLDS (TAGETES)

The African and French Marigolds are valuable for their flowers in late summer and autumn and can be grown to advantage in little clumps, with other plants, in the front of shrubbery or in the garden border. The African varieties are the taller in growth, and produce large self-colored blossoms. The French varieties are smaller, some of them being elegantly striped and spotted. The dwarf-growing kinds make extremely handsome borders, being neat compact plants and remaining in full bloom until killed by frost. Seeds can be sown in the open border, or earlier, in a coldframe, and the young plants transplanted late in the spring to where they are to remain. They succeed best in a light soil, with full exposure to the sun. Annual.

AFRICAN MARIGOLDS

Pride of the Garden. The immense flowers of this grand variety are densely double, and of a beautiful golden yellow color. A notable feature is the compact, dwarf habit of the plant, which forms dense bushes fifteen to eighteen inches high and two feet across. $\frac{1}{4}$ ounce, 50 cents Pkt 10

Prince of Orange. Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia; golden yellow. Plants 3 feet high. $\frac{1}{4}$ oz., 50 cts. . . Pkt 10

Lemon Queen. Large lemon-colored flowers, fine for cutting. Pkt 10

Mixed Varieties. $\frac{1}{4}$ Ounce 25 cents Pkt 5

FRENCH MARIGOLDS

Gold Margin. Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. $\frac{1}{4}$ ounce, 35 cents Pkt 10

Dwarf Gold Striped. Double rich brown, striped golden yellow, $\frac{1}{4}$ oz. 35 cents. . Pkt. 10

Dwarf Marigold Little Brownie or Legion of Honor. A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon . . . Pkt 10

Signata pumila. Sunshine Marigold. One of the most beautiful plants for fall color, about eighteen inches high, very bushy habit, and each slender branch, which press close to the main stem, crowned by a delicate golden flower with orange center forming a dense globular mass. Charming in a border or alone. $\frac{1}{4}$ ounce, 50 cents Pkt. 10

Dwarf Double Varieties Mixed. $\frac{1}{4}$ ounce, 25 cents Pkt 5

Tall Varieties Mixed. $\frac{1}{4}$ ounce, 20 cents Pkt 5

FOUR O'CLOCK or MARVEL OF PERU

The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. **Marvel of Peru.** Mixed Colors. $\frac{1}{2}$ Oz. 20 cts. Pkt. 5

Variegated Foliage. Flowers of a variety of colors Pkt. 10

MAURANDYA

Graceful, free-blooming climbers, six to ten feet tall. For outdoor culture, also useful for baskets, vases, etc.

Finest mixture of white, rose, purple and blue. Pkt. 10

KOCHIA, (Summer Cypress)

Tricophylla. A very attractive and popular foliage or hedge plant. It grows about three feet high, with many slender branches pressed close to the main stem, and resembles a small, closely-sheared evergreen, the slender foliage being a delicate light green. In September, the whole plant becomes a solid mass of crimson thereby earning the name Firebush. $\frac{1}{2}$ oz. 25c. Pkt. 10

Christmas Kochia, New. The finest and most improved form of Kochia yet produced, with feathery drooping foliage of delicate green and of wonderfully symmetrical form, far superior to older types. Pkt. 15



AFRICAN MARIGOLD—PRIDE OF THE GARDEN

ICE PLANT

Mesembryanthemum crystallinum. A most interesting plant, with delicate, succulent almost transparent branches and leaves. Of drooping habit, adapted to baskets, vase work and rockeries. Prized for its singular foliage, which looks as though covered with particles of ice Pkt 10

JAPANESE HOP

A splendid annual climber, rapidly covering arbors, walls, trellises, etc. The foliage resembles that of the common Hop, but is much more dense. Seed sown in the open ground in spring will produce large plants in a short time. Withstands heat, drought, and insects.

Japanese Hop. Pkt 10

Variegated Japanese Hop. Leaves green and white variegated. Pkt 10

LINUM or FLAX

Scarlet Flax. Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual. Grows $1\frac{1}{2}$ to 2 feet high. Pkt 10

Perennial Varieties Mixed Pkt 5

LOBELIA (See also page 82 and 86)

Exceedingly useful plants for edging flower beds, their free-blooming qualities and brilliant shades of blue and white making a pleasing contrast to the masses of reds and yellows so prevalent in bedding. They are splendid for hanging baskets, pot culture, etc. All are annuals except Lobelia cardinalis, which is a hardy perennial.

Cardinalis. Perennial; Native Cardinal Flower. Spikes of brilliant scarlet.

Blooms the first year if well started indoors. The flowers are said to be the most brilliant scarlet tint that occurs in nature. 15

Barnard's Perpetual. Flowers a brilliant blue, white eye 10

Crystal Palace compacta. Dark blue. For borders and bedding 10

Emperor William. Light blue; compact; very fine 10

Erinus (gracilis). Blue. Fine for baskets or trailing purposes 10

Mixed Varieties, for baskets, etc.; 5

NICOTIANA

Affinis. One of the best Nicotianas we have ever grown. The plant attains the height of three feet, and is covered with deliciously-scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. $\frac{1}{4}$ ounce, 35 cents 10

Sanderæ. The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. 10

Sylvestris. Grows about five feet high, with very symmetrical foliage. The very long pendulous flowers are delicately fragrant, and are borne in great profusion. A bold, striking plant. 10



CHRISTMAS KOCHIA GROWING FOR SEED ON OUR ORCHARD FARM

Kochia makes a very attractive hedge, a beautiful delicate green all summer changing in the fall to a blaze of red

MIGNONETTE

BY its sweet yet delicate odor the Mignonette has, for many years, endeared itself to every true lover of flowers. Fragrant as the violet, constantly in bloom, and easily grown, the modest Mignonette is found not only in the greenhouse of the millionaire, but in many a lowly garden and window box. Seed sown early in the garden will give flowers all through the summer and fall. The finest spikes of bloom are produced during cool, moist weather. For winter blooming, seed is usually sown in pots and brought on in succession, keeping the growing plants in a cool room. **Pkt.**

Sweet, (Reseda odorata grandiflora.) A well-known fragrant plant. $\frac{1}{2}$ oz., 20 cts. **5**

Grandiflora ameliorata. A large variety, with reddish tinge to the flowers. **10**

Giant Pyramidal. A mammoth variety. **One-quarter oz., 25 cts.** **10**

Golden Queen. A very fine and distinct variety, with flowers of a golden hue. **One-quarter ounce, 20 cents.** **10**

Machet Perfection. Plant dwarf and vigorous of good habit, producing large spikes of very sweet-scented flowers. Fine for cutting. **One-quarter oz., 35 cts.** **15**

Allen's Defiance. Spikes from twelve to fifteen inches long, deliciously fragrant. Spikes have been kept three weeks after cutting, retaining the fragrance till every bud opened. **One-quarter ounce, 35 cents ;** **10**

Goliath. The plants are compact in habit, with rich, green foliage, and the immense trusses of highly-scented flowers are borne on erect, strong, stiff stalks. It is especially suited to house culture. **One-quarter ounce, 50 cents.** **15**

Large-Flowering. Very large, true pyramidal shape. Reddish-colored flowers, borne on strong stems, well above the dark green, slightly crumpled foliage. **10**

White Pearl. White; strongly scented. **One quarter ounce, 50 cents .** **10**

VICK'S SPECIAL COLLECTION. Any three 10-cent packets for 25 cents.

MORNING GLORIES

WHO does not love the Morning Glory? It has long been a favorite for shading porches, covering screens and similar purposes. It is one of the most free-flowering and rapidly growing plants in cultivation. The foliage is a dark green, and the freshness and delicacy of the flowers fully make up for their fugitive character. The prevailing colors are shades of blue, but there are other colors, ranging from white to dark red, and some of the flowers are striped. The seeds germinate so readily that they can be grown in the garden wherever the plants are needed, and almost at any time.

Convolvulus Major

All Colors Mixed,
Ounce, 35 cents ;
Packet, 10 cents.

The Ever Popular Old-
Fashioned Climbing
Morning Glory.

MIGNONETTE—
MACHET
PERFECTION

Rochester Morning Glory

A distinct species with extra large beautiful flowers and strong growing vines. Flowers four to five inches across, deep violet-blue in the throat, blending out to an azure-blue, bordered with a wide white band around the edge. Very free flowering. **Pkt. 15 cents.**

Imperial Japanese. Our own Special Strain. The exquisite beauty of the Japanese Morning Glories, with their innumerable markings and shadings of brilliant colors, commands the admiration of all flower lovers. The flowers are four to six inches across and the vines are strong and robust. The leaves are prettily lobed and some of them are beautifully mottled with creamy buff. **Oz., 50 cents ; Pkt. 10 cents.**

Brazilian. *Ipomoea setosa.* Very leafy, strong growing species, with rose colored flowers three to four inches in diameter, and leaves eight to ten inches across. Large seed pods and hairy stems. Unusually ornamental and interesting. **Pkt. 10 cents.**

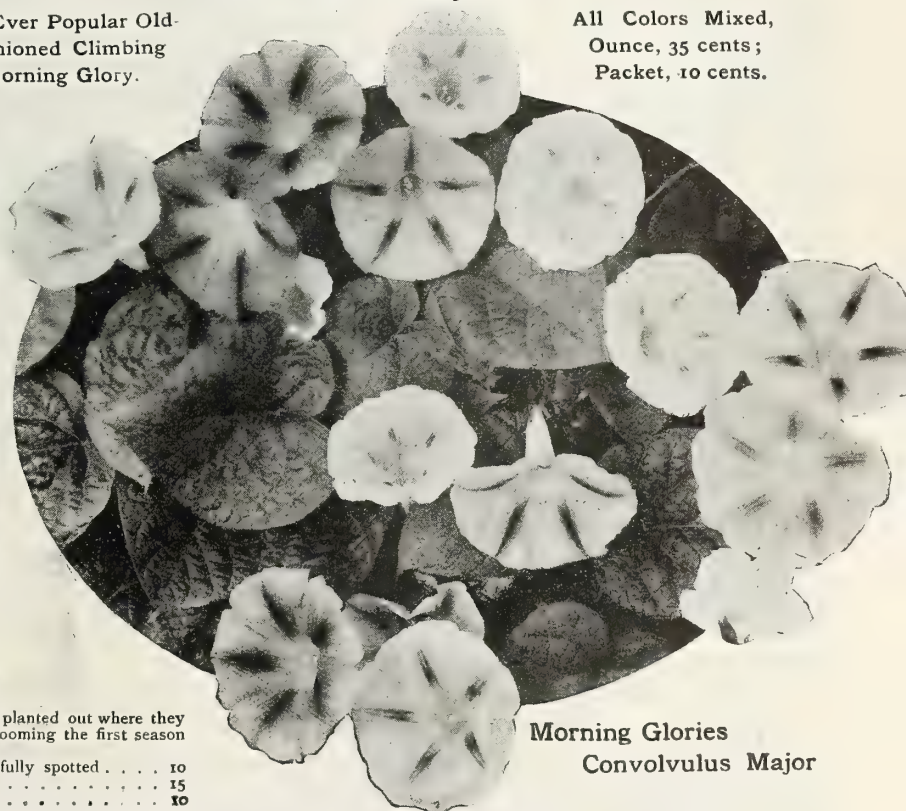
Dwarf Morning Glories. Flowers Remain Open All Day. The handsome azure blue flowers have a bright yellow throat distinctly bordered with white. Easily grown, and the neat foliage and brilliantly colored flowers make it one of the best trailing plants in cultivation. **Pkt. 10 cents.**

MIMULUS

The Mimulus, or Monkey Flowers (named from the resemblance of the corolla to a mask or face), are beautiful tender plants with almost transparent branches. Fine for baskets, vases, and house culture, and do well planted out where they will be somewhat shaded. Half-hardy perennials, blooming the first season if sown early.

Hybridus tigrinus grandiflorus. Flowers beautifully spotted **10**
Moschatus. Musk Plant. **15**
All sorts mixed **10**

The delicious fragrance of the Mignonette adds a subtle, distinctive charm to the flower garden procured in no other way





NASTURTIIUM

66

Everyone knows and admires the Nasturtium. Its varied and brilliant colors, its refreshing fragrance, making it so desirable for table decorations, its habit of continuous blooming, and the ease with which it is grown, all combine to place the Nasturtium in the list of flowers that are really indispensable.

Few people realize how much more effective the use of named varieties is than the mixtures. Where space permits, by all means select certain named sorts for particular locations so as to secure uniform foliage, blossoms and color effect. Since Nasturtium seeds are large you will probably need an ounce or more of seed to make a good showing.

CLIMBING NASTURTIIUMS

Any of the following Named Varieties, packet, 10 cents; oz., 35 cts.
 $\frac{1}{4}$ lb., 70 cents.

Atropurpureum. Dark crimson.	Scheuerianum. Straw-color, brown striped.
Atropurpureum fol. aureis. Foliage yellow, flowers crimson.	Scheuerianum coccineum. Straw-colored, scarlet striped.
Chocolate.	Scarlet.
Dark Orange. (Sunlight.)	Schulzii. Brilliant scarlet.
Edward Otto. Bronze, silky.	Schillingi. Bright yellow spotted with brown or maroon.
Jupiter. Large Golden Yellow	Vesuvius. Brilliant salmon-rose dark-leaved.
King Theodore. The darkest.	Von Moltke. Blush rose.
Orange. Very handsome.	Yellow.
Pearl. (Moonlight.) Creamy white with scarlet.	
Prince Henry. Light yellow, marbled with scarlet.	
Regelianum. Dark, purplish crimson.	

Extra Choice Mixed. From named sorts, $\frac{1}{4}$ pound, 60 cents ounce, 25 cents, packet, 10 cents.

Mixed Varieties. Pound, \$1.00; $\frac{1}{4}$ pound, 40 cents; ounce, 15 cents, packet, 5 cents.

VARIEGATED-LEAVED NASTURTIIUMS

A new race of Nasturtiums in which the foliage is beautifully variegated with white, green and golden. The strikingly marked leaves make a charming contrast with the brilliantly colored flowers.

Dwarf Variegated-Leaved. Mixed Colors, ounce, 35 cents Pkt.
Climbing Variegated-Leaved. Mixed Colors, ounce, 35 cents Pkt.

IVY-LEAVED NASTURTIIUMS

The beautiful foliage of this distinct, new class of Climbing Nasturtiums closely resembles that of the old English Ivy, the thick angular leaves having a very dark glossy green color. The petals of the flowers, which do not overlap as do those of the other classes, are prettily fringed. The brilliant colors of the flowers make a striking contrast with the dark leaves.

Princess Juliana. Rich golden orange, blotches of velvety red brown. Pkt. 10
Emma Alida. Golden yellow and orange; blotches of deep scarlet. Pkt. 10
 Either of above varieties, per ounce, 30 cents.

HYBRIDS of MADAM GUNTHER

A strain of French origin, most remarkable for the wide range of exquisite colors and beautiful markings. They are strong growers, climbing five to seven feet, with rich dark foliage. Fine for porches, vases or trailing on the ground.
Extra choice mixture, Ounce, 30 cents Pkt 10

DWARF NASTURTIIUMS

Any of the following Named Varieties, packet, 10 cents; oz., 35 cts.;
 $\frac{1}{4}$ lb., 70 cents.

Aurora. Salmon-rose, mottled and veined.	King Theodore. Darkest of all.
Beauty. Orange and vermillion.	King of Tom Thumbs. Leaves bluish green, flowers brilliant scarlet
Bronze. Beautiful coppery bronze.	Lady Bird. Golden yellow, flamed crimson.
Carter's Scarlet.	Luteum. Yellow.
Chameleon. Mottled crimson, bronze and yellow.	Pearl. Light cream.
Cloth of Gold. Golden-leaved; flowers intense scarlet.	Prince Henry. Light yellow, marbled scarlet.
Ceruleo-roseum. Bluish rose.	Regelianum. Crimson, purplish tinge
Crystal Palace Gem. Sulphur, maroon spots.	Rose. Rose, tinted with salmon.
Dark Crimson.	Ruby King. Foliage dark, flowers deep rose.
Empress of India. Dark leaves, and very dark crimson flowers.	Scheuerianum coccineum. Scarlet striped.
Golden King. Golden yellow flowers. Very fine.	Spotted. Yellow, crimson spots.
Golden Queen. A beautiful golden-flowered, yellow-leaved variety.	Spotted King. Rich orange, maroon spots.

Extra Choice Mixed. From named sorts, $\frac{1}{4}$ pound, 60 cents; ounce, 25 cents, packet, 10 cents.

Mixed Varieties. Pound, \$1.00; $\frac{1}{4}$ pound, 40 cents; ounce, 15 cents; packet, 5 cents

CANARY BIRD FLOWER

Tropæolum peregrinum. The Canary Bird Flower is one of the finest of the climbing Nasturtiums. The leaves are prettily lobed and the curious, clear yellow flowers bear a fancied resemblance to a canary, with expanded wings. Ounce, 30 cents. Pkt 10

NEMOPHILA

Baby-Eyes. Love-in-the-Grove. A charming little annual plant, thriving especially well in moist, shady places, but quite at home in the open garden. The pretty, bell-shaped flowers, in shades of blue, and variously marked, are freely produced all summer. Plants eight inches in height; of neat, bushy habit. **Mixed Varieties, $\frac{1}{4}$ ounce, 15 cents. Pkt 10**

NIGELLA

See illustration in natural colors on inside of back cover.

Love-in-a-Mist, Devil-in-a-Bush and Fennel Flower are names given to this pretty, interesting and easily grown annual. This beautiful, unique and little-known plant makes a showy and attractive border or mixes well with other Blue or Pink flowers for bedding. The delicate Blue-White flowers surrounded by a feathery mass of foliage suggests "Love-in-a-Mist," and the red crown-shaped horn tipped seed pods suggest "Devil-in-a-Bush." Fine for cutting. Twelve to fifteen inches. **Mixed Colors. Pkt 10**

Make your selection of Nasturtiums from the splendid list of varieties we show above The results will delight you.

VICK'S GIANT FLOWERING PANSIES

THE PANSY gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in the open ground in May or June will give fine blooms in late summer and autumn, and a good crop of flowers the following season if the plants are pinched back in early spring. Seed sown in mid-summer, where it can be shaded and watered, will produce plants large enough to winter nicely and come into full bloom in early spring. Young plants give the largest flowers. Old, worn out plants should be replaced by young, vigorous ones.

**A Bed of Vick's Giant
Flowering
Pansies**



**Vick's
Giant
Flowering Pansies**

**Lead All
Others In
Size and Beauty**

GIANT SUPERB MIXTURE Absolutely unapproachable in Quality

We offer this mixture of Giant Flowering Pansies to our customers with pride. It is composed of most carefully selected varieties of the choicest Pansies of our own wonderful strain and the finest of the new kinds introduced by the leading European and American Pansy specialists. The flowers are uniformly of the largest size, colors striking in their brilliancy, and yet retaining all the delicate shades, hues and pencilings that have made the Pansy one of our most favored flowers. Our aim is to keep Vick's Superb Mixture at the very top of all mixtures and to make it absolutely unapproachable in quality.

1-32 oz., 75 cents; 1-8 oz., \$2.50; packet, 50 cents.

Oct. 16, 1922, Belmont, Ont., Canada

Just a line to say that Vick's Giant Superb Mixture of Pansies in bloom for about a month has proved to be everything promised in your annual Garden and Floral Guide. In loveliness of variety, tint, shading and pencilling they surpass all strains before tried. Several of them are quite new and all retain that rare delicacy that ought to distinguish the true Pansy.

Wm. Thompson

We maintain a very wide reputation for growing and selling a superior strain of Giant Flowering Pansy seed

GIANT TRIMARDEAU MIXTURE

A wonderful mixture of extra large flowering pansies conspicuous for different shades of yellow and bronze.

One-eighth ounce, \$1.00; packet, 30 cents.

PEERLESS MIXTURE

Comprises the choicest of the standard large-flowering sorts, including many of the rare and expensive varieties, such as Bugnot, Odier, Cassier and Trimardeau types. Especially selected for size, perfect form, freedom and durability of bloom and gorgeous colorings.

One-eighth ounce, 90 cents; packet, 25 cents.

MASTERPIECE MIXTURE

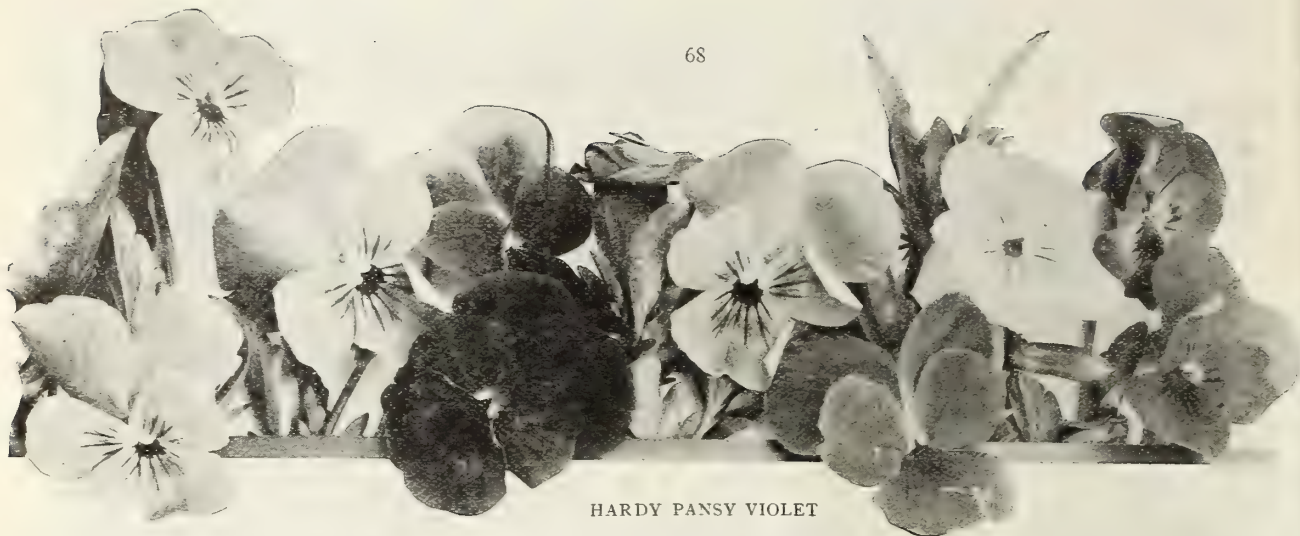
A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson.

One-eighth ounce, \$1.00; packet, 30 cents.

BLOTCHED VARIETIES (Bugnots)

Another splendid mixture of superb blotched varieties in a fine assortment of colors. In our trial grounds this year this mixture caused much favorable comment.

One-eighth ounce, \$1.00; packet, 30 cents.



HARDY PANSY VIOLET

GIANT FLOWERING PANSIES

This vigorous and compact growing class of Pansies leads all others in size, color and beauty of flower. The flowers are of enormous dimensions, some specimens grown on our grounds measuring three inches in diameter; they are thrown well above the foliage and are beautifully marked with brilliant colors.

Adonis. Beautiful light blue	Pkt. 10
Bridesmaid. Rosy white ground, beautifully blotched	15
Fire King. Golden yellow, upper petals purple. Showy	15
Golden Queen. Large. Best of the pure yellows.	10
King of the Blacks. Almost jet black. Extra fine large-flowering	10
Lord Beaconsfield. Top pale lavender; shading to purple violet on lower petals. Very large and exquisitely marked	10
Madam Perret. Petals frilled. Dark wine, pink, and red shades beautifully veined, all with white margin	15
Marshall Foch (Formerly Prince Henry.) An extra fine variety. The largest dark purple. A flower of unusual beauty	15
Premier Lloyd-George (Formerly Prince Bismarck.) Beautiful shades of golden bronze. The largest and finest of the bronze Pansies.	10
President Wilson (Formerly Emperor William.) Ultramarine-blue, with violet purple eyes. Very pleasing shades	10
Ruby King. Superb red shades. One of the best for bedding	10
Snowflake. Extra fine pure white.	10
White. With purple eye	10
Yellow, with Black Eye Extra large. A splendid bedding variety. Produces larger flowers than the clear yellow varieties.	10
Any of the above-named Varieties, 1-16 ounce, 40 cents.	
Giant-Flowering Mixed. 1-8 oz., 60 cents	10
Standard Varieties Mixed, 1/8 oz., 25 cts	5

ORCHID FLOWERED VARIETIES

In the new Orchid-Flowered Pansies we have some rare and exquisitely dainty shades. The description of the four varieties below merely gives the prevailing colors. The new and unusual combinations of color tones suggest the delicate tropical colors of the aristocratic Orchid, which may truly be said to "beggars description." The flowers are gigantic in size, of perfect shape and borne on long stems. The petals are beautifully ruffled and their velvety texture intensifies the rich effect of the dainty shades of color.

Almond-flower. Delicate soft pink. A pleasing color in Pansies.

Daybreak. Vermillion and gold chamois, red shaded. A new color in red and gold.

Mammoth. Dark yellow shades, with large red eye. A beautiful variety.

Sunlight. Brilliant yellow, with large red-brown spots. It's a beauty.

Any of above varieties, each, 20 cents per packet.

Mixed Colors. 1-16 ounce, 50 cents; packet 15 cents.

MASTODON MIXTURE

A new extra choice strain of American grown pansies of enormous size. Positively the largest pansies we have ever seen. A wide range of colors in wonderful combinations.

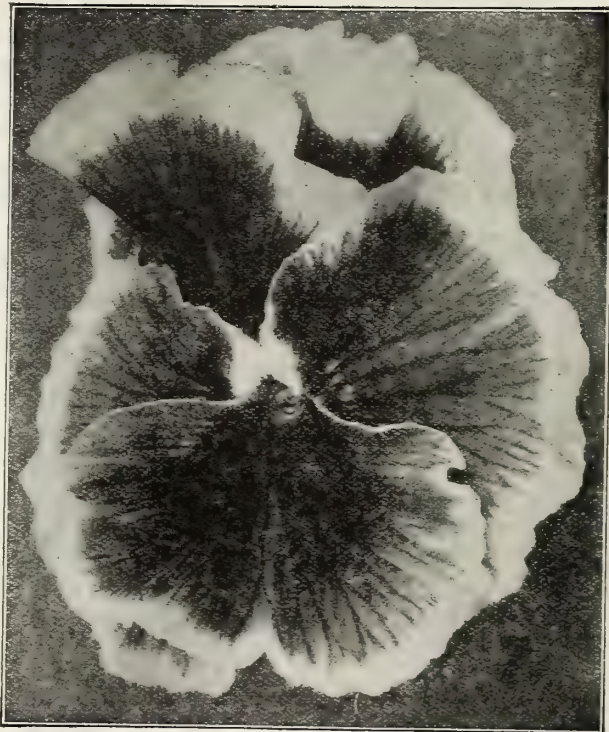
One-eighth ounce, \$2.25; packet, 40 cents.

A special leaflet on Pansy Culture will be sent with any order for Pansies if asked for on the order

PANSY VIOLET, Tufted Pansy EVERLASTING PANSY

See illustration at top of page.

The Pansy Violet, or Tufted Pansy, is a charming flower for the hardy border, combining the beauty, fragrance and free blooming habit of the Pansy with the hardy perennial character of the *Viola cornuta*, or "Horned Violet" of Europe. The plants do not "run out" like those of the ordinary Pansy, and may be left year after year in the same bed. The flowers, which are really medium sized Pansies, are produced in the greatest profusion the whole season, the plants enduring the heat of mid-summer much better than those of the true Pansy. 1/8 oz., 35 cts., Pkt. 10



GIANT-FLOWERING PANSY

Vick's Petunias

NO bedding plants make a more pleasing display than Petunias. The distinct colors and marking make a brilliant show. The plants make a strong growth and bloom profusely until after hard frosts.

Petunia seed will germinate with little difficulty if a reasonable amount of care is used in sowing. First, be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small, smooth board and cover very lightly with sand or fine soil. Seed sown in a hotbed or the house early in the spring will produce flowering plants in June.

Set the plants about eighteen inches apart. Seeds of Double Petunias do not possess as much vitality

as those of the Single, neither will all come double.

Vick's Ruffled Petunias

The most expensive crop we grow. One entire Greenhouse used, in which each plant selected for superior qualities is potted separately and given individual care. The pollen is spread from flower to flower with the aid of a delicate brush by our greenhouse superintendent. We take all this care to breed up this marvelously beautiful strain which is acknowledged as the most superb ever introduced. We have had numerous flowers five inches in diameter with the edges so fringed and ruffled that experts in flowers and rosettes estimate the entire circumference more than three feet. With their edges as dainty as the most exquisite lace, the flowers show a marvelously beautiful combination of colors, some being almost pure white, veined or threaded in the bell with the most delicate tints. Others are light pink or lavender or yellow or bronze or purple or almost black. Some are striped and blotched and veined in deep rich, gorgeous hues—indescribable, but once seen they live in memory forever. Vick's Ruffled Petunias are a masterpiece of nature's art. After studying for weeks the brilliant coloring and delicate threads or veins in every conceivable hue, an artist whose color sketches of flowers are greatly admired, says: "No human being can ever depict accurately in colors the exquisite beauty and intricate detail of your Ruffled Petunia. Its gorgeousness baffles description."

Vick's Ruffled Petunias, mixed colors, packet, 35 cents.

Giants of California. This strain, originating in California, is of incomparable size, luxuriance, and beauty. Nearly all the flowers are ruffled or fringed, and measure from four to five inches across. The great variety of colors, blotchings, stripings and veinings make fantastic and beautiful combinations—some with deep throats of yellow,

white, black, green, or maroon, running off into intricate veins. Some of the colors run to delicate shades, while others are deep, rich, gorgeous. Pkt 25

Mixed colors 25
Large Flowering Single, Fringed. Magnificent large flowers of various colors. The large throats richly veined. Mixed colors 20
Double Large Flowered. Mixed colors 25
Double Large Flowered, Fringed. Extra choice varieties mixed 50

VICK'S RUFFLED PETUNIAS

Single-Flowered Bedding Petunias

Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost. **Blotched and Striped**, very symmetrically marked Pkt 10
Countess of Ellsmere. Dark rose, with fine white throat 15
General Dodds. Beautiful dark red. 10
Rosy Morn. Dainty soft carmine-pink; white throat; fine for border. 10
Snowball. Satiny-white flowers; blooms throughout the season . . . 10
Single Flowered Bedding. Extra Choice Mixed. Superb strain. . . 10

Columbus, Ohio April 5, 1922

Your seed order arrived in good condition. Thank you very much for promptness.

Frank Parsell,

Altmar, N. Y., March 4, 1922

I have been a customer for a good many years first of James Vick and later with James Vick's Sons. I have always found their seeds reliable, never had a failure, and service always prompt and courteous. M. D. Bumpus



VICK'S SINGLE FLOWERED BEDDING PETUNIAS

For sweet simplicity, Single-Flowered Bedding Petunias—for gorgeous beauty and exquisite detail, Vick's Ruffled Petunias



ANNUAL PHLOX GROWING FOR SEED ON OUR HIGHLAND FARM, A BRILLIANT DISPLAY OF COLOR ALL SUMMER

70

VICK'S ANNUAL PHLOX (For Perennial Phlox)

PHLOX DRUMMONDI, Pride of Texas, of which state it is a native, is one of the most brilliant of Annual flowers. It is rapidly increasing in popularity because of its ease of cultivation and its willingness to grow under almost all soil and climatic conditions. It flourishes in any place where few other flowers would grow, such as stony, dry, sandy soil, on a gravelly bank or foot of stone wall and other waste places. Many otherwise vacant spots can be made brilliant with a riot of color all summer. The plants begin to bloom just as soon as they are a few weeks old and as they develop in size, the blossoms increase in number until in August and September, they are a solid mass of brilliant color. Our mixture will provide a superb and dazzling combination containing a large number of distinct varieties including a sprinkling of such famous varieties as Black Warrior, Isabellina and Splendens. For the slight cost of the seed and care of plants, few other annuals will give greater returns in pleasure and satisfaction than PHLOX DRUMMONDI. The seed may be sown where the plants are to grow as early in the spring as the ground can be worked or the young plants may be started in the house and transplanted later.

Phlox Drummondii Grandiflora

The flowers of this class have round petals and larger flowers than the old sorts. The following varieties are considered by experts to be the choicest of the named sorts:

White. soft pure white.	Crimson with white eye.
Chamois Rose. Salmon pink.	Dark Purple with white eye.
Brilliant. Deep pink, shading lighter at the edge of the petals.	Rosea. Light rose.
Splendens. A soft shade of scarlet, between scarlet and carmine	Rose, with white center.
Black Warrior. Rich, deep red, almost purple.	Scarlet, striped white.
	Isabellina. Pale primrose yellow.
	Splendens. White center.

Price: Any of the above varieties, per packet, 15 cents.
Choice Mixture Grandiflora Phlox. ¼ oz., 50 cents. Pkt. 10

Vick's Dwarf Phlox

Dwarf annual Phlox is very desirable for edgings and ribbon beds and useful for pot culture. Plants grow six to eight inches in height, forming dense masses of bloom all summer. Of the many varieties the following are the best:

Fireball. Bright scarlet . Pkt. 15	Vermillion. White center. Pkt. 15
Snowball. Pure white 15	Best Varieties Mixed 10

Vick's Star Phlox

A decidedly unique variety. While the petals of all other Phloxes are entire, in this variety they are partly fringed and partly toothed; the central teeth of the petals are five or six times as long as the lateral ones, and project like little spines, giving the flowers a regular star-like form. The beauty of the flower is enhanced by a white margin which borders the edges of the petals. There are many distinct colors. **Best Varieties Mixed.** . Pkt 10

PERILLA

Nankinensis. An elegant dark leaved bedding plant, easily grown from seed and not as sensitive to cold as the Coleus. The foliage is a very dark, rich, bronzy purple. Plants grow about eighteen inches in height. Pkt 10

SENSITIVE PLANT

Mimosa pudica. The Sensitive Plant affords a good deal of amusement, on account of its sensitive leaves, which close up when touched. Sow outside after settled warm weather, or sow inside and transplant. Pkt 10

In planning for perennial flowers keep in mind the beauty and attractiveness of Perennial Phlox. For hardy plants, see page 88

RICINUS. Castor Oil Plant

A Showy Ornamental Foliage Plant for Bedding

In the center of a bed it gives a magnificent semi-tropical appearance; or planted thick, it makes a fine screen or hedge. Plant seeds in open, very rich deep-spaded ground, in a dry situation, as soon as safe in spring. Pkt.

Borboniensis. Very beautiful large green leaves. One of the tallest. Ounce, 40 cents 10

Cambodgensis. The finest dark-foliaged Ricinus. Leaves maroon; stem nearly black; fruit bronzy purple. Five feet. Ounce, 50 cents . 10

Zanzibarensis. The gigantic leaves, two to two and one-half feet across, and the great size of the plant, surpass any other known Ricinus. The luxuriant tropical effect when planted singly or in masses is matchless. Ounce, 40 cents 10

Vick's Fine Mixture of best varieties. Ounce, 40 cents 10

SCHIZANTHUS (Poor Mans' Orchid)

The Schizanthus is a beautiful half hardy annual, of very graceful habit. The flowers are butterfly-shaped, of rich and varied colors, and completely cover the plant. About two feet high. **Best Varieties Mixed.** 10

Schizanthus Wisetonensis. As a pot plant this has hardly a superior. It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks 25

PRIMULA or PRIMROSE (See also pp. 83, and 104)

Primroses are considered among the best and most showy of plants for winter blooming in the house. Seed sown in March, April or May will make fine specimen plants, beginning to bloom in the fall and continuing throughout the winter. Pkt.

Primula Forbesii. Baby Primrose. Fine for the house, needing little care 25

Primula Malacoides. Plant and flowers similar to Primula Forbesii, but larger. Flowers delicate lilac. 25

Primula obconica grandiflora. Splendid house plant. Blooms profusely. Mixed Varieties 20

Primula Sinensis. Chinese Primrose. Tender. Everblooming. Choicest fringed varieties. Mixed 25



SHIRLEY POPPIES

Finest of all single varieties, elegant and graceful.

VICK'S PORTULACA (Sun Plant)

For brilliant coloring, nothing can excel a bed of Portulaca, with its silky flowers glistening in the sunlight. It is very easily grown and no bedding plant equals the Portulaca for places exposed to the hot sun of mid-summer. It delights in intense heat, and dry weather seems to have almost no effect on the plants. The plants are of low growth and spreading in habit, each plant covering a space of about two feet in diameter. The flowers of the double varieties are like small roses and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower.

Single varieties, fine mixed. $\frac{1}{4}$ oz., 25 cents; oz., 75 cents . . . Pkt 10
Double Rose-Flowered. As double as the Rose and of many brilliant colors. Finest quality, mixed colors. Pkt 15

PYRETHRUM (See also pages 82 and 87)

Matricaria Capensis (Feverfew). Small double white flowers well adapted for bedding. Half hardy annual. Pkt 10

HELIANTHUS or SUNFLOWER

Tall plants, from four to seven feet in height, with bright yellow flowers. The double varieties produce a very good effect among shrubbery. Often used as screens.

Red Sunflower. Blooms the first year from seed. Flowers chestnut red, many of them variously marked with gold. A splendid addition to the annuals. Pkt 5
Chrysanthemum Flowered. Best of the Sunflowers, about seven feet high. The large double flowers are like yellow Chrysanthemums. Oz., 70 cts. Pkt 10
Dwarf Golden. Variegated foliage, five to six feet high Pkt 10
Extra Double Dwarf. About four feet high. Each branch, from the ground to the top of main stem, bears a golden flower. Pkt 10
Mammoth Russian. For prices see page 46 (Farm Seeds) For plants of hardy *Helianthus*, see page 86.

VICK'S ANNUAL POPPIES

Poppies have a distinctive charm supplied by no other flower and deserve a place in every annual garden. Their gracefully nodding flowers and brilliant hues make them very attractive in almost any setting.

Vick's Double Flowering Varieties

See illustration in color on inside back cover

Ounce, 50 cents; one-quarter ounce, 20 cents, except where noted
Peony-flowered. A splendid class of large double flowers, with broad petals, resembling a Peony. The colors range from white to pink, carmine, scarlet, crimson, and maroon. A fine mixture of colors. Pkt 10
Carnation-flowered, or Double Fringed. Splendid large double flowers, A fine mixture of colors. See picture on inside back cover. Pkt 10
Vick's Brilliant. Tall double Poppies. A superior selection made up of the best colors and varieties. Selected with great care to produce the most brilliant effect. Grown on our own farm. Of strong, robust growth, two to three feet high. A fine mixture of colors. Pkt 10
Mikado. Large double flowers, resembling Japanese Chrysanthemums; petals cut and fringed in the most fantastic manner; color pure white, edged with shades of crimson. Pkt 10
American Flag. Flowers snow white, bordered with scarlet. Large, double Peony-flowered. Pkt 10
Cardinal Poppy. (New hybrids). About eighteen inches high; habit erect and compact. Foliage dark green, deeply lacinated. The double flowers, which are beautifully fringed, come in about the same range of colors as the Shirley. A fine mixture of colors. Pkt 10

Ranunculus-flowered. Plants two feet high; free bloomers. Flowers double, two inches across. All shades of color, from white to deep crimson. A fine mixture of colors. Pkt 10
Vick's Double Mixed, made up of the above varieties, $\frac{1}{4}$ ounce, 20 cents . . Pkt 10

For seed of California Poppies, see page 62.

For seed of Perennial Poppies, see page 83; for plants see page 87.

Vick's Single Flowering Varieties

Shirley. Flowers exceedingly graceful and attractive; single. Colors mainly blush white, and delicate shades of pink, but containing shades of rose, carmine, scarlet and crimson. The finest of all annual single Poppies. One and one-half to two feet high.

Extra selected strain. $\frac{1}{4}$ ounce, 35 cents; ounce, \$1.00 Pkt 15

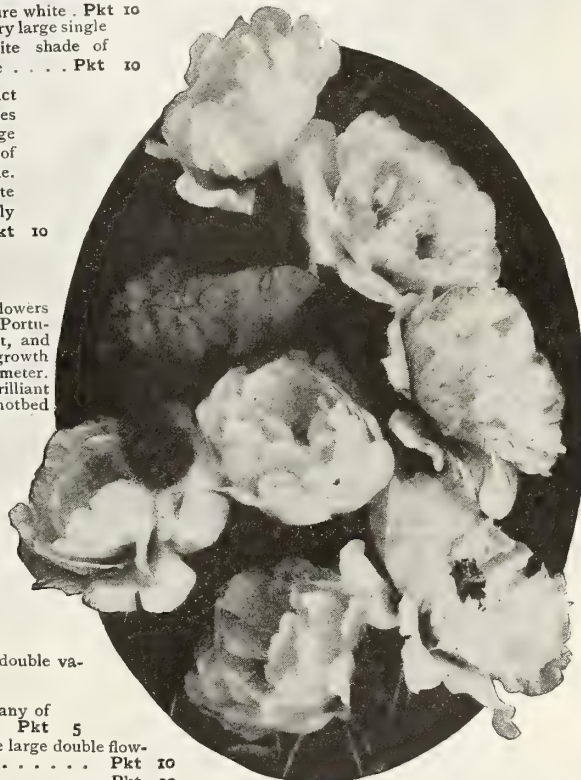
Danish Flag. The large, single flowers are brilliant scarlet, with a large, silvery white blotch at the base of each petal, forming a white cross on scarlet ground. Very striking. Pkt 10

Golden Gate. Single and semi-double flowers in a splendid variety of colors. Pkt 10

The Bride. Large pure white. Pkt 10

Miss Sherwood. Very large single flowers of an exquisite shade of satiny white and rose Pkt 10

Tulip Poppy. An elegant and distinct variety. Plants from 12 to 14 inches high producing well above the foliage fifty to sixty large splendid flowers of the most vivid scarlet imaginable. From a mere description no adequate idea can be gained of its strikingly beautiful effect. $\frac{1}{4}$ oz., 30 cts. . . Pkt 10



VICK'S DOUBLE PORTULACA

Our fields of *Salpiglossis* with their marvelous rich coloring make a wonderful display all summer. See description p. 72

SALPIGLOSSIS or VELVET TRUMPET

One of the most charming annual flowers whose rapidly growing popularity compels us to grow larger fields each year. When in bloom they present a marvelously rare and charming combination of grace and beauty; the field of mixed varieties was one glorious mass of softly blended colors. No other flowers on our farms receive greater praise than this queen of all trumpet-shaped flowers.

Our illustration shows the form and veinings of this beautiful flower, but only nature can paint its colors. Its velvety texture and brilliancy of coloring defy description. It is fine for cutting, lasting well in water. The plants bloom continuously from midsummer until late fall. Sow the seeds on top of well-pulverized soil, cover *very* lightly with fine sand and press down firmly with a board. Protect from sun with paper or cloth until seed germinates.

We are now growing only the **New Emperor** variety, which shows a very marked and striking distinctiveness in habit of growth as well as in flowers from the old-fashioned grandiflora type. It grows about three feet high in a graceful bushy form with numerous branches thickly covered with flowers considerably larger than those of the old type, and presents a wide range of rich velvety colors.

Yellow, pink, crimson, scarlet, yellow with white edge, light blue with gold, black purple, velvety violet, and dark scarlet.

Each, Packet, 15 cents.

Mixed Colors,

Packet, 10 cents.



SALPIGLOSSIS OR VELVET TRUMPET
BEAUTIFUL BEYOND DESCRIPTION. BY ALL
MEANS PLANT AT LEAST A FEW FEET OF YOUR
GARDEN TO THIS MOST BEAUTIFUL FLOWER.

SALVIA or FLOWERING SAGE

The Scarlet Salvias are among the most brilliant red-flowering bedding plants in cultivation. They bloom from the middle of July to frost. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May, or when the weather is suitable. Set plants one foot apart. For plants see page 89 and 104

Clara Bedman. "Bonfire". A very compact, oval-growing variety, bearing an immense quantity of brilliant scarlet flowers on stiff, erect stems that stand out of and above the foliage. One of the most popular and best Salvias. Pkt 15

Splendens. Bears during summer and fall brilliant fiery scarlet flowers in great profusion. This is the old favorite bedding variety used so extensively. Plants three feet high. Pkt 10

Patens. Blue Sage. Flowers of a delightful blue. Fine for borders. Pkt 15

Ostrich Plume. The flower resembles a large ostrich plume, color a brilliant scarlet. The plants are covered with these beautiful plume-like flowers. A single flower spike is a bouquet in itself. Pkt 15

Zurich. A dwarf scarlet variety, growing 12 to 15 in. high. Begins blooming in June and continues through the season. Pkt 15

AMERICA (Globe of Fire)

A SPLENDID NEW SALVIA

The earliest, most compact and uniform Salvia ever introduced. A profuse bloomer of brilliant scarlet color. Its erect, uniform habit of growth makes it of unusual value for border or base planting in front of porches or for bedding Pkt. 15

Plant Salpiglossis in your garden this year. Their marvelous beauty and brilliant coloring will amply repay you



SALVIA
CLARA
BEDMAN

NEW HARDY WHITE SALVIA

Argentea. Very attractive silvery white foliage. Pyramids of white flowers, three feet high. Blossoms the second year from seed. . . . Pkt 10

For plants of hardy salvias see page 89.

For plants of annual varieties see page 104.

ALWAYS FOUND VICK SEEDS RELIABLE

February 17, 1922, Hop Bottom, Pa.

I first began using Vick's reliable seeds when I was a mere child of only eight years, sixty two years ago. Hence I am prepared to say; There are no better seeds in America than those grown by James Vick's Sons of Rochester New York.

I was so favorably impressed with the truthfulness made in in your 1922 Garden and Floral Guide namely: Vick's Quality the Best the Earth Produces This statement I for one have have proven to be as true and reliable as Vick's seeds. Long live James Vick's Sons. Miss Lizzie C. Packer

Vick's Ruffled Giant Spencer Sweet Peas

List of the Very Finest New Orchid Flowering Kinds

SWEET PEAS well deserve the place they have earned in the hearts of all lovers of flowers. They are quickly and easily grown from seed, will thrive in any garden, and bear all summer an abundance of beautiful, fragrant flowers of a great many wonderful shades and tints. The magnificent new **Spencer Sweet Peas** are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from two to two and one-half inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer **Spencers** the fluting is very pronounced. Practically the whole range of grandiflora varieties has now been duplicated in the **Spencer** type; but after careful trials we have selected the following list as embracing the **Choicest of The Spencer Sweet Peas**.

Planting directions on page 75.

Agricola. White flushed with heliotrope.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

America Spencer. Ivory white, striped with brilliant crimson.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Asta Ohn. Charming soft lavender tinted with mauve pink.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Captain of the Blues Spencer. Large, clear purplish blue; with distinct lilac margin. A deep rich color. Full Spencer size.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Clara Curtis. Cream color. A superior strain of Primrose Spencer. Flowers beautifully waved, of good substance, and usually four on a stem. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Countess Spencer. Clear, soft, rich pink, a little deeper at the edges. Vines strong and free flowering. As a cut flower it is unsurpassed for massing.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Dainty Spencer. An extremely delicate shade of light pink, deepening slightly at the edges of the petals.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Dobbie's Cream. Flowers a deep cream or primrose, distinctly waved or crimped. One of the best of the primrose class.

Packet, 15 cents; ½ oz., 35 cents; oz., 60 cents.

Elfrida Pearson. Huge flowers of a dainty blush pink, an extremely delicate shade. The buds and the opening flowers show a slight salmon tint. One of the most vigorous and free blooming varieties. The immense flowers are almost invariably borne four on a stem, and many of them have double standards.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Evelyn Hemus. The beautiful flowers of buff and primrose are margined with clear rose. A charming color combination.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Florence Morse Spencer. Splendid light pink, a clear, beautiful shade. Immense flowers, with many double standards. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

George Herbert. Large flowers of rose-crimson. A rich color. The wings veined with deeper color. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Hercules. Plants are very strong and vigorous. The flowers borne on stiff stems twelve to fourteen inches long are of beautiful soft rose pink, large and finely ruffled. One of the very best pinks.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Mrs. Hugh Dickson. Soft apricot pink on a buff ground. The magnificent large flowers come quite uniformly four on a stem and are produced in the greatest profusion. An extremely valuable variety.

Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Rosabelle. This is undoubtedly the largest and most beautiful of the deep colored, and should be included in all collections. It is a vigorous grower and most profuse bloomer, the immense flowers being usually borne four on a stem. The attractive rose-crimson color is heightened by a distinct white blotch at the base of the standard and wings. The flowers are very much waved or crimped, and while of such large size, the form is perfect.

Packet, 15 cents; ½ oz., 35 cents; oz., 60 cents.

(Continued on page 74)

Phoenixville, Pa. February 11, 1922

My Sweet Peas from your Spencers Superior Mixture were the admiration of everyone who saw them. They continued to bloom until the first of September. Wm. K. Robb

Sandusky, Ohio, March 17, 1922

It might be of interest to you that one pound of Vick's Mixed Sweet Peas netted me over fifty dollars (\$50.00) last year. Chas. Parkin



SPENCER
SWEET PEAS
ELFRIDA PEARSON

Extra large flowers of a dainty light pink color; four flowers on a stem.

Illuminator. Brilliant glowing orange-scarlet which glistens under bright sunlight. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

King Edward VII Spencer. A splendid variety. The flowers are full Spencer size, and the bold coloring of rich crimson-scarlet makes them appear truly gigantic. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Margaret Atlee. The lovely flowers, uniformly of the most advanced Spencer type are a rich glowing pink on cream ground, softly suffused with salmon in the standard, while the wings are a pleasing shade of pinkish rose and salmon. There is a distinct blotch of buff-primrose at the base of both standard and wings which is particularly effective, giving a light, bright appearance to the entire flower. The flowers are of extraordinary size, often measuring two and one-half inches across the standard, exquisitely waved. Packet, 15 cents; ½ oz., 35 cents; oz., 60 cents.

Margaret Madison. Clear, light azure blue. A refined color, free from mauve or pink shades. Both standard and wings beautifully ruffled. A gem that is bound to become immensely popular. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Mrs. Cuthbertson. Standard clear rose pink, wings white, faintly flushed with pink. The best of the bright pink and white Spencers. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

Nubian. Beautiful, rich, deep chocolate, or maroon. Vigorous vines and flowers of great size. Packet, 10 cents; ½ oz., 30 cents; oz., 45 cents.

No other class of flowers has shown more wonderful development in the past few years than Ruffled Spencer Sweet Peas

Vick's Ruffled Giant SPENCER SWEET PEAS

(Continued)

Royal Purple. The color is as the name describes it—a *Rich Royal Purple*. The vines are exceptionally vigorous and long, stout stems carrying four large blossoms is the rule. The flower retains its deep rich color until it withers with age. One of the most satisfactory varieties.

Packet 15 cents; $\frac{1}{2}$ oz., 40 cents; oz., 70 cents.

Thos. Stevenson. Brilliant orange-scarlet. Best of all the shades of orange in the Spencer type.

Packet, 10 cents; $\frac{1}{2}$ oz., 30 cents; oz., 45 cents.

Vermillion Brilliant. A brilliant scarlet Spencer of splendid form. The standard is very bold and beautifully waved. On account of its brightness this is a very telling color and should be in every collection. Packet, 10 cents; $\frac{1}{2}$ oz., 30 cents; oz., 45 cents.

Wedgewood. A lovely light blue, in fact the best of the blue Spencers. The flowers, of good size and substance, are well waved in both standard and wings; they are borne almost uniformly in four-flowered sprays upon long, stout stems. Wedgewood is a color long sought for in Sweet Peas and has been eagerly welcomed by lovers of this beautiful annual. It was awarded a Certificate of Merit by the Pennsylvania Horticultural Society at the Philadelphia Sweet Pea Show, 1913. Packet, 15 cents; $\frac{1}{2}$ oz., 35 cents; oz., 60 cts.

White Spencer. Pure white. Fine Spencer form, full size. Beautifully waved. Packet, 10 cents; $\frac{1}{2}$ oz., 30 cents; oz., 45 cents.

Yarrowa. A Sweet Pea novelty of sterling merit, coming from Australia. The flowers are waved, of large size, many of them being double. Color a soft, bright rose pink with a clear creamy base. One of the best for forcing under glass, and when grown out of doors blooms two weeks earlier than the Summer Spencers. Packet, 15 cts.; $\frac{1}{2}$ oz., 50 cts.; oz., \$1.00.

The President. A wonderfully brilliant, glowing scarlet, waved Sweet Pea of the largest size, carried on strong, stiff stems, usually in fours. It is way ahead of anything of a similar color, and probably will never be surpassed in the orange-scarlet varieties. Awarded Certificate of Merit by Pennsylvania Horticultural Society and by American Sweet Pea Society. Packet, 10 cents; $\frac{1}{2}$ oz., 30 cents; oz., 45 cents.

Vick's Spencer Sweet Pea COLLECTIONS

"New Spencer" Collection

Six of the Very Finest
Spencers for 75 cents.

Margaret Atlee
Rossabelle
Dobbie's Cream
Royal Purple
Wedgewood
Yarrowa

"Selected Spencer" Collection

Six Beautiful Spencer
Varieties for 50 cents.

America Spencer
Capt. of the Blues Spencer
Elfrida Pearson
Margaret Madison
King Edward VII.
White Spencer



WEDGEWOOD



FIERY CROSS

(NATURAL SIZE)

Scorching, glistening
live fire, intense red.

Fiery Cross

Fiery Cross has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading, and which scintillates and glitters in bright sunlight with a glowing, fire-like sheen which radiates over the flower. Unlike most of the orange scarlet varieties, it does not scorch or burn even during extended periods of intense sunshine; it can, therefore, be grown in all soils without shading. The beautifully waved and fluted flowers are borne freely in threes and fours well placed on long, stout stems. Packet, 15 cents; $\frac{1}{2}$ oz., 40 cents; oz., 70 cents.

Vick's Superior Mixture of Spencer Sweet Peas

This mixture is made in our own seedhouse and contains the best Spencer Sweet Peas. We know just what goes into the mixture, and we are sure you will be pleased with the assortment at blooming time.

Packet, 10 cents; ounce, 35 cents; quarter pound, \$1.00;
half pound, \$1.75; pound, \$3.00.

Plant Vick's Giant Ruffled Spencers and you will know the supreme joy and satisfaction in growing Sweet Peas

New Early Flowering Spencer Sweet Peas

Will bloom 3 or 4 weeks earlier than standard kinds.

In the last few years great advance has been made in developing this new type of Spencer Sweet Peas for outdoor planting to produce extra early flowers of wonderful size and with long stems. In our trial grounds they started blooming three or four weeks earlier than the standard late flowering types when planted in the open ground. Especially in the more southern states, this type has come to take the place very largely of the later flowering kinds. We are offering a few of the finest which have been developed for this purpose.

- Early Asta Ohn.** Fine lavender, similar in form and color to late flowering type
Blanche Ferry. Lovely pink and white, standards bright crimson, wings white tinted pink.
Cream. A Primrose Spencer of perfect shape and large size.
Heather Bell. Rich lavender mauve, flowers very large which form in threes and fours on long stems.
Melody. A deep shade of rose pink closely resembling late flowering Countess Spencer.
Morning Star. Deep orange scarlet or flame color with large orange pink wings.
Song Bird. A soft shade of pale rosy pink on white ground.
Snowflake. Magnificent pure white of superb form, three or four flowers on long stems.
Spring Maid. Crimson pink, beautifully shaded.
Venus. Standard white, shaded a pale pink, fragrant.

Any of the above Per Package 25 cents.

VICK'S GRANDIFLORA SWEET PEAS

The Grandiflora was the type of Sweet Pea originally brought to this country by James Vick and which caused such a sensation many years ago. Now they are largely superceded by the more improved Spencer varieties. So we have reduced our list to the following most popular and useful kinds.

Any variety Packet, 5 cents; ounce, 25 cents; $\frac{1}{4}$ lb., 60 cents
 $\frac{1}{2}$ lb., \$1.00; lb. \$1.75.

- America.** Crimson scarlet stripes on white ground. The brightest striped variety. Large, open form.
Aurora. Orange rose stripes on white ground. The most attractive striped variety. Large hooded form.
Dorothy Eckford. White. Very large, semi-hooded form. A grand flower.
Gladys Unwin. Bright, clear pink, a little deeper at the edges. Countess Spencer form, but a little smaller, lighter color and flowers more freely.
Hon. Mrs. E. Kenyon. Light primrose. Very large semi-hooded form.
King Edward VII. The largest and brightest red yet introduced. Crimson scarlet. Open form.
Lady Grisel Hamilton. The largest and lightest shade of lavender. Standard light mauve. Hooded form.
Lovely. Light pink, shading deeper toward the center of the flower. Vigorous and free bloomer. Hooded form.
Miss Willmott. Standard orange pink. Wings rose, tinted with orange. The best orange pink. The large semi-hooded flowers are borne on long stems.
Lord Nelson. The best dark blue. Distinct and a vigorous grower.
Mrs. Geo. Higginson, Jr. The clearest delicate lavender, free from mauve tint. Semi-hooded form.
Nora Unwin. White. A splendid flower. Extra large and open, wavy form.
Othello. Dark maroon self. Large, hooded form.
Prima Donna. The favorite soft, clear, pink self. Good size. Hooded form. Vigorous and free flowering.

Any 7 packets of the above varieties, 25 cents

Vick's Invincible Mixture of Grandiflora Varieties.

Packet, 5 cents; oz., 15 cents; 1-4 lb., 50 cents;

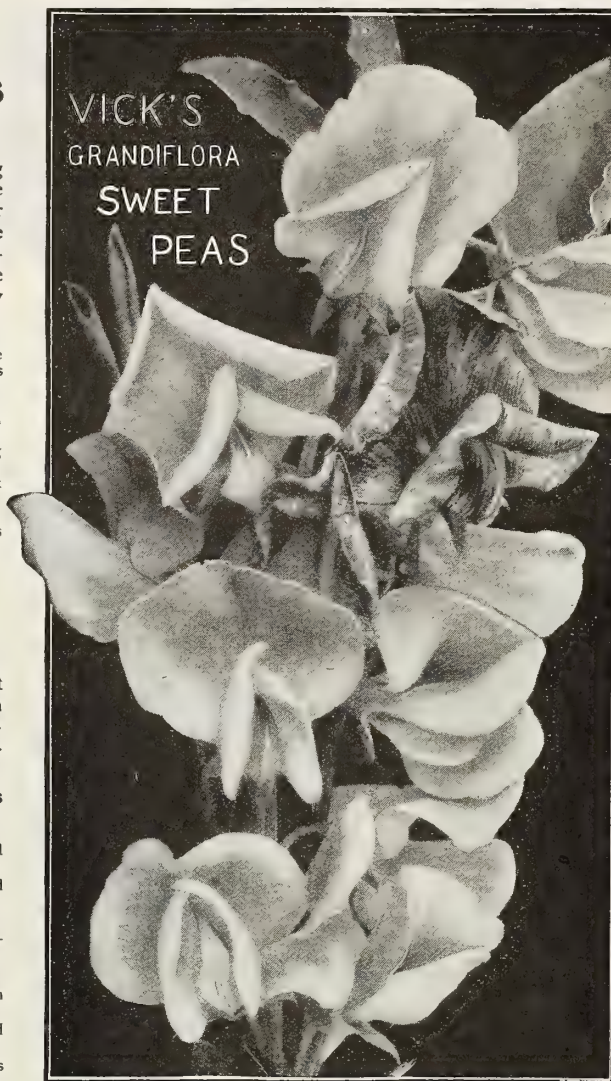
1-2 pound, 80 cents; pound, \$1.50

VICK'S PERENNIAL PEAS (See also pages 81-86.)

The Perennial or everlasting Pea (*Lathyrus latifolius*) is one of the best of the hardy climbing plants. It produces large flowers in clusters, which are not, however, fragrant like the Sweet Pea, and remains in bloom for a long time. The Perennial Pea is very easily grown from seed, will succeed in almost any situation and once established will remain for years without replanting. It does well in shady and in moist places where other climbers would not thrive. Perfectly hardy. Grows from five to eight feet in height.

White, Rose and Red, each Pkt 15
Mixed colors. Ounce, 50 cents 10

This was the first catalogue seed house to introduce Sweet Peas to the flower lovers of America.



CUPID or DWARF SWEET PEAS

The Cupid varieties of Sweet Peas make very pretty edging for a border or sidewalk. The small bright flowers are borne in great profusion.

Mixed colors. Ounce, 35 cents; Pkt., 10 cents.

A Few Suggestions for Sweet Pea Culture.

Any ordinary garden soil is well adapted for growing these beautiful and popular climbing plants, providing its surface is kept fine and mellow from the time it is worked up in the spring. Wood ashes or air-slacked lime are excellent fertilizers for Sweet Peas, and should always be used when a large amount of manure is applied. Sow as early in the spring as the ground can be worked. *Do not wait for fair weather.* Sow the seeds in a trench four inches deep and cover with about an inch of soil. Furnish support early. After the plants are well up, thin them to about six inches apart and gradually fill the trench to the level of the garden. When hoeing draw the soil towards the plants, but do not form a ridge. One quarter pound of seed will sow fifty feet,

VICK'S VERBENAS

Unrivaled as low growing bedding plants. Long season of bloom.

Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. Good healthy plants can be produced readily from seed. They flower in July, and continue strong and healthy until after severe frosts

Pkt.

Auricula-Flowered or White-Eyed. Mixed colors	10
Striped. Excellent flowers, with Carnation-like stripes	10
Scarlet. Brightest scarlet Quite true	10
Pure White. Quite true from seed.	10
Blue. Shades of blue and purple	10
Yellow. Pale primrose yellow	10
Mammoth pink	10

Purplish Violet, with large white center 10

Mixed colors. ¼ oz., 30 cents; oz., \$1.00 5

Verbena hybrida. Extra large flowers, fine mixed colors, choice seed, saved only from the most beautiful named flowers. ¼ oz., 50 cents; oz., \$1.50 . . . 10

TEN WEEKS STOCK

The Ten-Weeks or Annual Stock has nearly or quite all the requisites of a perfect flowering plant—good habit, fine foliage, fragrance, and beautiful flowers of almost every desirable tint. The flowers last a long time and the side shoots give a succession of blossoms. Seeds

may be sown in the open ground, hotbed or cold-frame, but transplanting should be done when the plants are just out of the seed-leaf. Make the soil deep and rich, and set the plants a foot apart. If plants from a late sowing are carefully potted in the fall, they will flower finely in winter in a house that is tolerably cool and moist.

Pkt.

Largest Flowering Dwarf. Seed from pot-grown plants. Dwarf habit, with magnificent large spikes of large double flowers.

All Colors Mixed	10
Dwarf, from field-grown plants. Mixed Colors	5

Wallflower Leaved.

Excellent for cut flowers

White. A beautiful clear white, with dark glossy foliage 15

Blood-red. The deepest red of all the Stocks 15

Snow Flake. Dwarf Wallflower-leaved. The earliest white, and one of the earliest of all Ten-weeks Stocks. The snow-white flowers are uncommonly large and double. An extra choice strain. 20

All Colors Mixed 10

VICK'S VERBENAS

Cut and Come Again.

Dresden Perpetual. Plants of robust growth and branching habit. If sown early commences blooming in June and continues until frost, producing flowers in September and October, when other varieties have faded. Fine for cutting.

White, Rose, Red, Blue and Yellow. Empress Augusta Victoria, Lilac. . . . Each, per packet 15

All Colors Mixed 10

Early Large-Flowering Winter Stock

	Pkt.		Pkt.
Giant Nice, White. Very fine variety	10	Empress Elizabeth. Splendid. Immense spikes of bright carmine flowers.	15
Giant Nice, Yellow. Excellent.	10	Crimson King	Pkt. 15
Flesh Pink. Strong spikes, with large flowers	10	Best mixed colors	Pkt. 10
Queen Alexandra. Rosy lilac. Splendid.	15		

CUT AND COME AGAIN
TEN WEEKS STOCK

SCABIOSA (See also pp. 83 and 89) or Mourning Bride

The Scabiosa is an old favorite and of late years has been greatly improved. The flowers are borne on long, wiry stems in white, yellow, pink, scarlet, crimson and maroon. Beautiful in the garden and excellent for bouquets. Very easily grown and has a long season of bloom. Twelve to eighteen inches high. Annual.

Pkt.

Double Tall. Mixed colors	5
Double Dwarf. A pretty, compact plant. Mixed Colors.	5
Double Yellow. A distinct color	10
Double Lilac. Tall growing	10
Double Fiery Scarlet	10
Double Royal Purple	10
Double White Snowball. Pure white	10

SCABIOSA, OR MOURNING BRIDE

The restfulness and charm of flowers minister to the soul of a people amid the rush and stress of modern life

Vick's Mammoth Zinnias

The Zinnia is prized for its brilliant colors, for the size and perfection of its flowers, for its sturdy growth, and for the associations connected with it as an old-time favorite. Seed sown in the open ground will produce strong plants, which will thrive and bloom from early summer until killed by late frosts. Set plants from twelve to eighteen inches apart. If the plants are crowded the flowers will be small and imperfect. The young plants can be easily transplanted if desired.

Giant-Flowered Double Zinnias

Plants of vigorous growth, about three feet high, bearing profusely their perfectly formed double flowers, from four to five inches in diameter,

	Pkt.		Pkt.
Scarlet	15	Orange or Golden Yellow	15
Rose	15	Sulphur Yellow	15
Crimson	15	White	15
Purple	15	Striped	15

Vick's Mixture of All Colors. Pkt., 15 cents.

Your choice of any 3 packets, 40 cents.

Entire Collection of Seven

Colors, 75 cents.

Curled and Crested Zinnias

A unique and interesting strain of this popular flower. Each plant is covered with large double blossoms, the petals of which are crested, curled and twisted in most charming and fantastic forms. The range of colors includes all the shades characteristic of other Zinnias. Curled and Crested are desirable as cut flowers.

Mixed Colors Pkt., 15 cents.

Large-Flowering Double Zinnias

There is something reliable and cheering about the big, solid, double flowers and the clear, brilliant colors. We are sure that any who purchase the collection mixture, or separate colors will be more than pleased with their investment. Pkt.

Purple. Royal color 10

Scarlet. Very showy 10

Rose. Soft, beautiful shade. 10

Crimson. Brilliant, flaming color 10

Striped. Very popular, clear colors 10

Yellow. Should be in every collection 10

White. Pure snow white. 10

Seven packets, one of each 50 cents.

Mixed colors 10

1/4 oz., 25 cts.; oz., 75 cts.

Liliput Zinnias

Plants are about one foot high, very compact, and when in bloom are covered with small double flowers. They can be used very effectively either for edging or massing.

All Colors Mixed. Pkt., 10 cents.

THUNBERGIA

One of the best trailing plants for veranda boxes, vases, etc. Neat, compact growth. The pretty flowers, an inch in diameter, are white, buff or yellow, with black eye. Mixed Colors. Pkt., 10 cents.

VINCA or Madagascar Periwinkle

Bedding or pot plants with glossy deep green leaves and bright, Myrtle-like flowers. Easily grown from seed and bloom continuously. Annual. One foot high. Pkt.

Alba Pura. Pure white 10

Rosea. Rose, with dark eye. 10

Rosea Alba. White with rose center. 10

Mixed Colors. Rose and White 10

Delicata. Beautiful, soft delicate pink 15

Vick's Bright and Beautiful Annuals for the Garden

ASK FOR VICK'S "B & B" COLLECTION

Ruffled Petunias

Salpiglossis (Velvet Trumpet)

Early-Flowering Cosmos

Annual Larkspur

Large-Flowering Phlox Drummondii

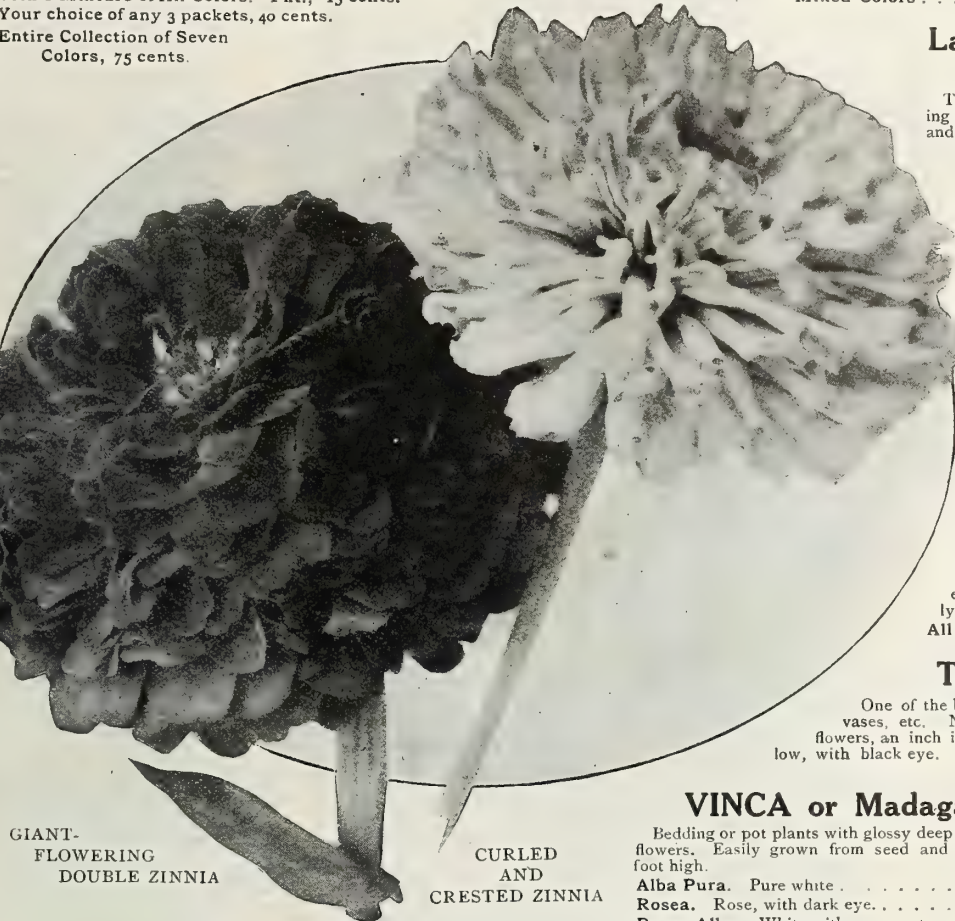
Curled and Crested Zinnias

Giant-Flowering Zinnias

Vick's Famous Branching Asters

One packet of each of the above in mixed colors, 75 cents

For other special collections see pp. 6-8



GIANT-
FLOWERING
DOUBLE ZINNIA

CURLED
AND
CRESTED ZINNIA

WALLFLOWER

Deliciously fragrant and splendid for cutting. The perennial Wallflower needs protection in the North.

Perennial. (Half hardy). Fine Mixed Colors, Double. Pkt 10

Annual. Flowering first season. Fine Mixed Colors, Single Pkt 5

Baraboo, Wisc., March 17, 1922

I take pleasure in telling you that I won first prizes with your Asters and Zinnias in competition with professionals too -- last fall and the year before.

Mrs. J. S. Palmer

The new Dahlia Flowered and Cactus Flowered Zinnias are shown in the Novelty Section commencing on page 4

Vick's Everlastings

The Everlastings or Eternal Flowers, as they are sometimes called, have again risen to the popular place they so well deserve, and are becoming generally cultivated. The plants do not appear very important when the garden is gay with scores of bright colored annuals and perennials, but in the winter, when the others are all gone, they are greatly appreciated. The flowers should generally be picked as soon as they expand, or a little before, and hung up in small bunches with the heads down, so that the stems will dry straight. In this way they will retain both form and color for years, and make very desirable winter ornaments and bouquets for table decorations.

Acroclitum. One of the most beautiful of the Everlastings. A strong grower, eighteen inches high, bears a great number of pink-rose and white daisy-like flowers, with a yellow center. Should be gathered the first day they open to secure a bright center when dried.

Mixed Colors. $\frac{1}{2}$ oz., 15 cts.; Pkt., 10 cts.

Gomphrena globosa. (Globe Amaranth). Clover-like flowers, eighteen inches high.

Sow seed, thin to twelve inches apart.

Mixed Colors. $\frac{1}{2}$ oz., 15 c.; Pkt., 10 c.

Rodanthe. Double buds of beautiful form and dainty pink and white color. Gather before fully expanded. One of the prettiest of the Everlastings. **Mixed Colors.** $\frac{1}{2}$ oz., 25 cts; Pkt., 10 cts.

Straw Flower. **Helichrysum.** A hardy annual and one of the best Everlastings. The plant is $2\frac{1}{2}$ feet high and produces large, double daisy-like flowers, with prominent centers and stiff, overlapping scales, which make a fine display in the garden during the summer. When dried, the flowers retain their shape and color for years and, placed in vases or baskets, without water, make splendid winter bouquets and decorations. Plants succeed in any good garden soil if given plenty of space; place at least one foot apart. For drying, cut the flowers when in bud or just before fully open, and hang them, head down, until completely dry.

Fire Ball, red.

Silver Ball, white.

Golden Ball, yellow.

Rose Queen, carmine rose.

Salmon Queen, salmon.

Violet Queen, violet.

Each, per Packet 10 cents.

One packet each, six varieties. 50 cents.

Mixed Colors. $\frac{1}{2}$ oz., 25 cents; Pkt., 10 cents.

Gypsophila Paniculata (Baby's Breath). Delicate mist-like sprays of tiny white flowers invaluable when dried for use in bouquets of Everlastings. . . . Pkt. 10 (See also pages 81 and 86.)



STRAW FLOWER—HELICHRYSUM

SEEDS OF TENDER PLANTS

Many people enjoy growing their own tender plants for the house. A large number of varieties can be grown quite readily from seed. Sow very thinly on the surface, in a box filled with a compost of three parts of rotted sod and one part fine sand. Cover the seed with a little fine earth or sand, and water gently but thoroughly. Place the box, covered with glass, in a warm light place, but avoid direct sunlight. Remove the glass when plants are up, and when they have made two leaves, transplant to a box of similar soil and set in a shady place. After a few days, remove again to the light.

Plants of most of the varieties below, as well as many others, are listed in a section commencing on page 101.

Abutilon. Chinese Bell-Flower or Flowering Maple. A well-known greenhouse shrub which will bloom freely with very common treatment. Seeds sown any time before April in a temperature of about 60 degrees, will produce strong flowering plants the first season.

Finest Mixed Varieties.

Asparagus, Plumosus Nanus. Light feathery graceful foliage plant. 100 seeds, \$1.00

Asparagus, Sprengeri. Very rapid-growing plant with fine lace-like foliage. 100 seeds, 50 cents

Calceolaria, Hybrida grandiflora. The Calceolarias are very beautiful and popular plants, producing masses of peculiar pocket-shaped, striped, blotched, and variegated flowers. They make gorgeous plants for greenhouse or window

Cineraria. Brilliant colors, compact habit and easily grown.

Hybrida. Choice Mixed

Hybrida grandiflora. From the largest flowered prize varieties.

Cineraria Maritima Candidissima. (Dusty Miller.) Silver foliage.

Coleus. Remarkable for the brilliant colors of their foliage. The choicest varieties.

Cyclamen Persicum giganteum. Choice strain, large flowers, rich colors

Cyclamen Persicum. Choice Mixed

Dracaena Indivisa. Long narrow grass-like leaves, very ornamental

Geranium. Fine Mixed

Gloxinia hybrida. Best quality; from choice show flowers

Grevillea Robusta (Silk Oak) Finely divided foliage covered with silky down

Lantana. Finest Mixed

Linaria Cymbalaria, Kenilworth Ivy. Lavender and purple.

Passiflora caerulea. The hardest Passion Flower

Schizanthus Wisetonensis. As a pot plant this has hardly a superior.

It is literally covered with small orchid-like flowers and remains in bloom from four to six weeks. See also page 71

Smilax. A graceful climber for the greenhouse or window. Invaluable for bouquets and floral decorations.

Ornamental Grasses

Ornamental grasses are not only attractive in the flower bed or border in the summer, but are largely used, when dried, in making up graceful, artistic bouquets, baskets and vases for winter decoration in connection with dried everlasting flowers. Large beds and groups of these grasses are used with fine effect in landscape work.

HARDY GRASSES

Arundo Donax variegata. Giant Reed Grass. 4 to 7 feet. Stately Bamboo-like plant with abundant leaves elegantly striped with creamy white. For lawns, borders of streams, etc. Pkt., 10 cts.

Briza maxima. Quaking Grass. Handsome for winter bouquets. Pkt., 10 cts.

Erianthus Ravennae. Plume Grass. Hardy Pampas Grass. 4 to 7 feet. The graceful plumes are surrounded by handsome plumes, which are much used for winter decoration. Pkt., 10 cts.

ANNUAL GRASSES

Agrostis nebulosa. Cloud Grass. A very beautiful variety of ornamental Grass. Fine and feathery. Very delicate. Looks like mist when in bloom. Elegant for bouquets. Eighteen inches high. Very useful for decorations when dried.

Pkt., 10 cts.

Coix Lacryma-Jobi. Job's Tears. Two feet high. Corn-like leaves. Grown for the bead-like fruit. Oz., 50 cts.; Pkt., 10 cts.

Pennisetum longistylum. Fountain Grass. Two feet high. Long, slender leaves and greenish-white plumes. For borders of beds, etc. Pkt., 10 cts.

Pennisetum Ruppellianum. Purple Fountain Grass. Three feet high. The purplish plumes are beautiful for bouquets and unequalled as a border for beds of tall plants. Pkt., 10 cts.

STATICE

A Beautiful Everlasting Sinuata. A very attractive annual useful in fresh bouquets, but especially valuable dried for winter decorations. The flower stems bearing large loose panicles of small flowers rise to a height of about two feet. Very graceful and artistic effects can be secured in using Statice in bouquets and baskets with other Everlastings of different colors and forms. Any of the following colors Pkt 10
Blue, Rose, White, Lavender.

April 25, 1922 Worcester, Mass.

The Geranium Seed that I bought from you earlier in the season was planted in February and I believe every seed must have come up.

Kenneth J. Umwin

With a little care you can grow as beautiful Everlasting flowers for winter bouquets as any you see in florist shops



A FIELD OF HARDY SWEET WILLIAMS ON ONE OF OUR FARMS (See pages 83 and 89)

79

Vick's Hardy Perennial Flower Seeds

THE perpetual charm of hardy garden flowers has won for them a warm spot in the hearts of all lovers of beautiful gardens. The reasons for their ever-increasing popularity are easily found:

They can be started with remarkable ease. The seed may be sown in the early spring with the annuals or later in the summer during July and August. If sown later, the seed-bed should be in a cool, damp place or the ground should be kept shaded and moist by artificial means until the plants appear.

They adapt themselves readily to nearly all climatic and soil conditions.

Their blooming season is from April to November, making the beauty of the Perennial Garden ever changing as the months pass.

They have a wide range of usefulness. As cut flowers, in making up designs and bouquets, or for border and massing effects in the garden they are very effective.

They are permanent. When once established in good soil, the perennial bears its blossoms for years, growing finer and more beautiful as the seasons pass.

A very complete list of Annuals begins on page 49; a list of hardy plants and bulbs on page 84.

ALYSSUM (For plants see page 84)

Alyssum saxatile Compactum. Gold Dust. Hardy, compact growth, producing a mass of golden yellow flowers in early spring. Of easy culture and much used in rockeries.

¼ ounce, 40 cents. . . . Pkt 10

ACHILLEA (For plants see p. 84)

The Pearl. Large pure double white flowers somewhat resembling Pompon Chrysanthemums. Very hardy. Easily grown from seed Pkt 25

ASPERULA

Odorata, Sweet Woodruff. The white flowers delightfully fragrant, and the dried plant is often preserved for its perfume. About nine inches high. Thrives well in the shade Pkt 10

ANCHUSA

Anchusa Italica. Dropmore Variety. One of the most valuable of the recent introductions in hardy plants. The plants are very vigorous, the rough leaved stems growing to a height of five feet. The flowers are a beautiful, clear, bright blue, and are freely produced all summer, making a most striking plant in the hardy border. ¼ ounce, 50 cents. . . . Pkt 10

For plants see page 84

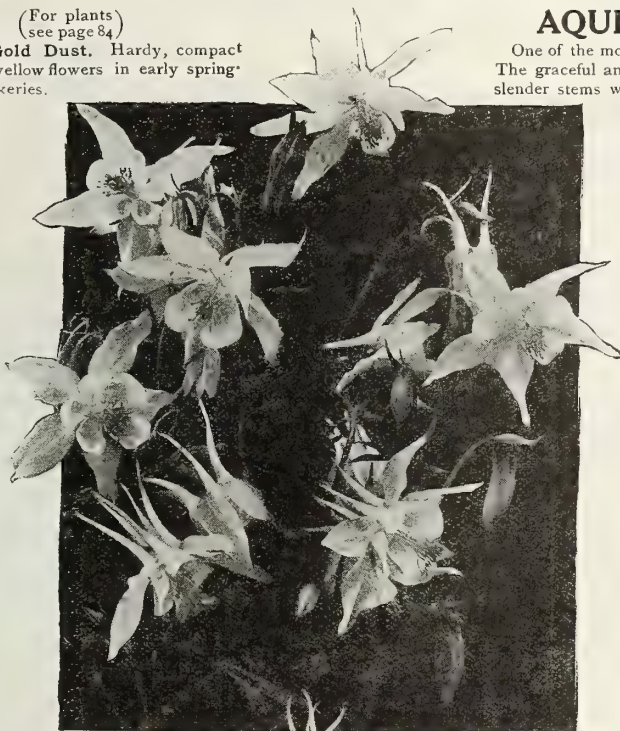
ANTHEMIS

Tinctoria. Golden Marguerite. Pretty, hardy plant with finely divided leaves, growing to a height of two to three feet. Bears, throughout the summer, an abundance of long-stemmed, golden yellow, Daisy-like flowers. Excellent for cutting.

One-fourth ounce, 35 cents Pkt 10

ACONITUM

Fisheri (Monkshood.) Large, Porcelain-blue hood-shaped flowers, very effective in borders. Valuable for cutting. Two feet high . . . Pkt. 10



LONG SPURRED AQUILEGIA OR COLUMBINE

AMPELOPSIS (For Plants see p. 95)

Veitchii - Boston Ivy. A small leaved hardy vine which clings closely to any wall or house forming a handsome covering of foliage. Pkt. 10

AQUILEGIA, Columbine

One of the most beautiful of the hardy perennial plants. The graceful and peculiarly shaped flowers are borne on slender stems well above the handsome foliage. Plants grow two to three feet high. Seed sown any time up to midsummer will produce plants that will begin to bloom the following May. Perfectly hardy and of easy culture. For plants see page 85

Pkt.

Chrysantha. Beautiful canary yellow from New Mexico and Arizona 10

Cœrulea, Rocky Mountain Columbine. Sky blue and white. Superb. ⅓ ounce, 50 cents. . . 10

Skinneri. Yellow, with scarlet spurs; the sepals greenish orange. Beautiful. 10

Vick's Long-spurred Hybrids. A beautiful strain of large flowered hybrids, comprising a great variety of colors in blue; white, yellow, pink, scarlet and orange. 15

Single, all colors mixed. ¼ ounce, 20 cents. 5

Double, all colors mixed. ¼ ounce, 20 cents. 5

ANEMONE (For plants see p. 84)

Coronaria, Poppy Anemone. Pleasing hardy plants, fine for herbaceous border or bed, 10 inches high. Mixed colors . . . Pkt 10

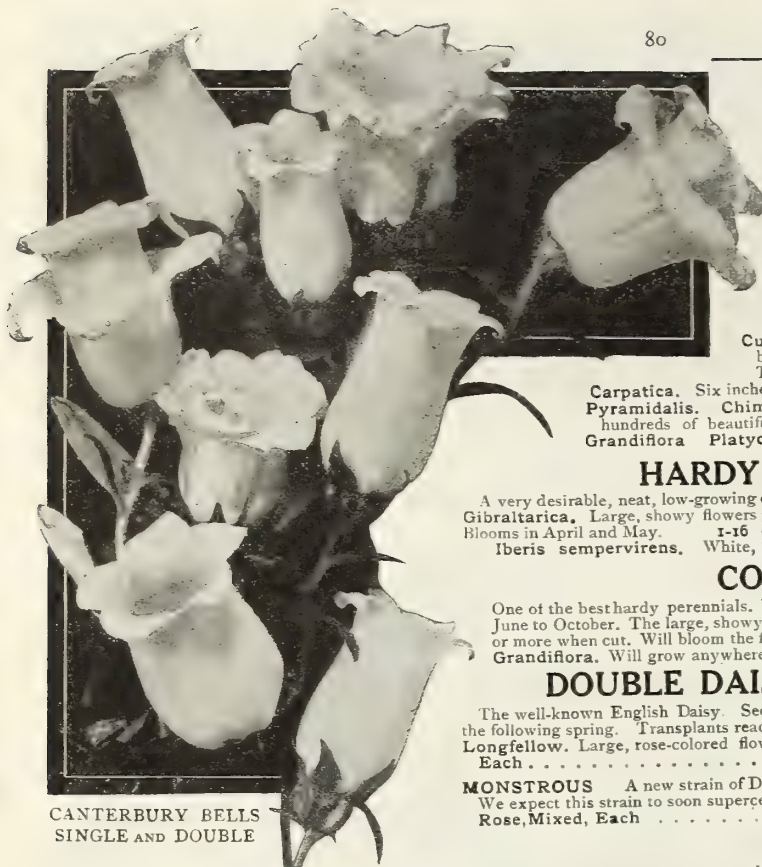
ARABIS (For plants see page 84)

Alpena, flora plena-Rock Arabis. Charming low growing very early spring flowering plant, splendid for edging or for the rockery. Double pure white flowers Pkt 10

BAPTISIA

Australis. Plant two feet high bearing lovely racemes of light blue pea-like blossoms, appearing in midsummer. Pkt 10

We make a specialty of Hardy Perennial Plants. We ship direct from our greenhouses to assure arrival in good condition.



CANTERBURY BELLS
SINGLE AND DOUBLE

CERASTIUM, Snow-in-summer

For Plants See Page 85.

Tomentosum. A very attractive dwarf-growing perennial, very useful for edging, rockeries, or for carpeting dry sunny spots or for covering graves. It is covered with white flowers in June. Foliage, silvery: Pkt 10

HARDY CHRYSANTHEMUM

See also pages 61 and 100.

Maximus. Considered the finest of the perennial Chrysanthemums, with daisy-like flowers of extraordinary size, pure white, very free flowering. Pkt 10

Clematis (For plants see p. 95)

Paniculata. The well-known and beautiful hardy climber, covered each season with large clusters of pure white star-shaped flowers of delightful fragrance. Pkt 10

Chinese Lantern Plant

Physalis Franchetti. A very interesting plant 1½ ft. high bearing yellow flowers with dark centers which produce highly ornamental balloon-like husks which turn bright red and resemble paper Chinese lanterns Pkt 10

DIGITALIS or Foxglove

For Plants, description and illustration see page 85.

Perfectly hardy. Sow the seed in spring in the garden, and transplant as desired. Blooms June-August. ¼ ounce, 50 cents. White, Rose Pink, Purple, Yellow, or mixed colors, each Pkt. 10

Dictamnus or Gas Plant is a very interesting and valuable hardy perennial and should be planted more extensively.

CAMPANULA or Bell Flower

There are two general classes of Campanulas, hardy biennials, which blossom from seed the second year, and perennials. The biennials are the better known, and include the very popular Campanula Medium or Canterbury Bell, and Campanula Calycanthema, or Cup and Saucer. Campanula Carpatica, Pyramidalis or Chimney Bell Flower, and Platycodon Grandiflora are perennials For plants see page 85. Pkt

Canterbury Bell, Campanula Medium. Flowers large. Plants two feet high; blooms in July.

Single or Double Flowered, Mixed Colors. 10
Single, Pink. A soft, delicate shade. One of the most beautiful of all hardy flowers 10

All Varieties Mixed. 10

Cup and Saucer, Calycanthema. Beautiful form of Canterbury Bell with a large "saucer" at the base of the flower. Two feet high. Pink, blue and white, mixed. 10

Carpatica. Six inches high, blooming the whole season. White and blue, mixed 10

Pyramidalis, Chimney Bell Flower. Pyramidal plants three feet high, bearing hundreds of beautiful cup-shaped flowers. Blue, white or mixed, each . . . 10

Grandiflora Platycodon. Large broad bell-shaped, showy, deep blue flowers. 10

HARDY CANDYTUFT (For Annuals see page 60)

A very desirable, neat, low-growing evergreen plant; fine for borders or rockery. Flowers pure white. **Gibraltarica.** Large, showy flowers; lilac, shading to white. One to two feet in height. Blooms in April and May. 1-16 ounce, 50 cents Pkt 10

Iberis sempervirens. White, 8 to 10 inches high. Early Spring, 1-16 ounce, 50 cents . . Pkt 15

COREOPSIS Tickseed

One of the best hardy perennials. Used extensively for cut flowers. Very free-flowering, blooming from June to October. The large, showy, golden-yellow flowers are borne on long stems, and will last a week or more when cut. Will bloom the first year if seed is sown early. For plants see page 85.

Grandiflora. Will grow anywhere. Two to three feet high. Fine for cutting. Pkt 10

DOUBLE DAISY or Bellis Perennis (For Shasta Daisy see page 83)

The well-known English Daisy. Seed sown any time from June to August will produce flowers early the following spring. Transplants readily. Set about six inches apart.

Longfellow. Large, rose-colored flowers. **Snowball.** Large, pure white. **Red and White, Mixed, Each.** Pkt. 10

MONSTROUS A new strain of Double Daisy with flowers fully twice the size of the ordinary sorts. We expect this strain to soon supercede entirely the older varieties. **White, Rose, Red, Delicata Rose, Mixed, Each** Pkt. 15

DICTAMNUS or Gas Plant.

A very hardy, useful perennial about 3 feet tall bearing beautiful spikes of flowers in May and June. It is a most persistent grower, coming up year after year. A single clump has been known to outlive father and son. Very effective in separate clumps or in the mixed hardy border. An interesting thing about this plant is that in the early evening it exudes a kind of inflammable gas which will sometimes make a faint flash of light when ignited; hence the name Gas Plant.

Albus. Spikes of attractive pure white sweet-scented flowers. Pkt. 10
Fraxinella. Beautiful plant with ash-like foliage, and spikes of red, purple-veined flowers Pkt. 10



DICTAMNUS OR GAS PLANT

GYPSOPHILA or Baby's Breath

See also pages 63 and 86

The delicate, mist-like sprays of the Gypsophila are invaluable for bouquets. They serve to lighten the effect of the masses of other flowers, and are especially useful with Sweet Peas, and other flowers that cannot readily be cut with their own foliage. Blooms July and August. Two feet high.

Paniculata, Baby's Breath. One of the best hardy perennials. Easily grown and blooms the first season from seed. Flowers white. Splendid for cutting and can be dried like strawflowers. Pkt. 10

MYOSOTIS or Forget-Me-Not (For plants see page 86)

Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to mid-summer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering; they are practically biennial. Pkt.

Alpestris. Blue. Grows six inches high. Blooms in April. 10

Alpestris alba. White. Grows six inches high. Good for borders. 10

Alpestris rosea. Light pink. Grows six inches high. 15

Alpestris, Indigo Blue. New, very fine. A deep indigo blue. 10

Alpestris robusta grandiflora (Eliza Fonrobert). Large-flowering, of pyramidal habit. Very fine. Blue, with clearly defined yellow eye. 10

Alpestris, Victoria. Sky blue, dwarf. Plants globular. 10

Palustris (True Forget-me-not). Blue, with yellow eye. Perennial. 15

Mixed Varieties. Seeds of the above varieties mixed. 5

VICK'S PERFECTION. The finest Myosotis known. Large, bright blue flowers. As an edging plant for beds or the shrubbery border it really has no superior. Plant robust, nine inches high. 15

GENTIANA

Acaulis. A beautiful dwarf hardy plant, very useful for border or rockery, 4 inches tall; large bell-shaped flowers of rich deep blue. Spring blooming. Per packet, 10 cts.

HEUCHERA --- Alum Root

Sanguinea. Scarlet crimson flowers borne on long stems two feet high in July and August. Pkt. 15



GYPSOPHILA OR BABY'S BREATH (CLOSE VIEW)

HIBISCUS --- Rose Mallows (For Plants see p. 86)

Tall, shrub-like, hardy plants with showy flowers of various colors. Three to five feet high. Blooms from July to September.

Crimson Eye. Very large creamy white flowers with center of Pkt velvety crimson. 10

Moscheutos. Showy light rosy pink flowers with darker center. 10

Militaris. Delicate flesh pink flowers deepening in color toward center. 10

Mallow Marvels. Red and pink flowers of enormous size. 10

Mixed. 10

KUDZU VINE

Pueraria Thunbergiana. (Jack and the Bean Stalk) Probably the most rapid growing hardy climber in existence. When once established it often makes a growth of 50 feet in a single season. The first it will grow 8 to 10 from seed. The large bright green leaves make a dense screen. It bears small racemes of rosy-purple, pea-shaped blossoms in August. It will flourish where nothing else will grow. Pkt. 10

LUPINUS (For plants see p. 86)

Polyphyllus. Easily grown, hardy plants about three feet high with long spikes of pea-like flowers of various colors. Pkt 10

LOBELIA CARDINALIS (See also pages 64 and 86)

Our native Cardinal Flower. Spikes of brilliant scarlet. Blooms the first year if well started with heat. Blooms August and September. Pkt 15

LATHYRUS - Perennial Peas

For plants see page 86.

Lathyrus Latifolius. One of the most useful and satisfactory perennial plants. It produces large clusters of flowers which remain a long time. Continually in bloom. Excellent for covering old stumps, fences, etc. Will succeed in almost any location. Very hardy. White, Rose and Red. Each, packet. 15

Mixed colors, oz., 50 cts. Packet, 10

VICK'S SEEDS DO WELL IN AFRICA

4-2-22, R. C. Mission, Keimoes, Gordonia, Cape Province, So. Africa

Some months ago you sent me several packets of Vick's Seeds. I was rather sceptic at first, thinking that American seeds would not grow well in South African soil, but the result was much better than I ever dared hope. The most successful ones so far have been Asters, Sweet William and Petunias. These grow almost luxuriantly. It is very interesting to cultivate plants from seeds of another climate and I would love to try Vick's Seeds again.

N. ADLER

LOBELIA CARDINALIS or CARDINAL FLOWER

Every well-balanced garden needs perennials, for the border, scattered through shrubbery, in the corners, everywhere





DELPHINIUM OR LARKSPUR

DELPHINIUM or LARKSPUR (See also pages 63 and 85)

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative, and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. Seeds sown in the open ground in the spring will produce strong plants, some of which will flower the same season. Blooms from June until frost.

Formosum. Large flowers of deep, brilliant blue, white eye. Three to four feet . . . Pkt 10
Formosum celestinum. (Pillar of Beauty). Beautiful shade of light sky blue; flowers large; spikes long. Plants three to four feet in height . . . Pkt 10
Nudicaule. Bright scarlet; native of California. One to two feet . . . Pkt 10
Chinese Sinensis. Fine. Two to three feet. Blue, white, and pink, mixed. . . Pkt 10
Large-flowering Hybrids. Three to six feet high. Flowers of various shades; very showy. Finest varieties mixed. Extra fine stock . . . Pkt 10
Belladonna. By far the finest Delphinium yet produced. Flowers large, light blue, borne on stately tall spikes . . . Pkt 15

HARDY LYCHNIS (For plants see page 86)

Excellent hardy plants, of easy culture, commonly known as Lamp Flower, Ragged Robin, etc. To obtain good flowers the first summer, sow the seed inside and transplant as early as possible.

Chalcedonica. Maltese Cross, Jerusalem Cross. Fine old-fashioned flower. Two feet high, with heads of brilliant scarlet flowers. During spring and early summer . . . Pkt 10
Haageana hybrida. Finest of the Lychnis family. One foot in height. Mixed Colors. . . Pkt 10
Viscaria splendens. Flowers crimson. One and one-half feet high . . . Pkt 10

HARDY GAILLARDIA (See also pages 63 and 86)

Gaillardia Grandiflora. The plants and flowers of the perennial Gaillardia are very much larger than those of the annual. The colors are exceedingly brilliant. They include the richest shades of crimson, scarlet, orange and yellow, contrasting beautifully with the brown centers. The plants are perfectly hardy and easily grown from seed. If seed is sown early the plants will bloom the first year. June until frost. Mixed Colors. ¼ Oz., 30 cents . . . Pkt 10

CORNFLOWER ASTER—Stokesia Cyanea

This flower, about 18 inches high, bears freely, from early July until frost, its handsome Centaurea like blossoms, each measuring from four to five inches across. It is of the easiest culture, succeeding in any open, sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. We have no hesitation in saying that the Cornflower Aster is one of the most beautiful, valuable and desirable of hardy plants. Packet, 10 cents. For plants see page 85

GRACEFULLY
NODDING
CHARMINGLY
BEAUTIFUL
HOLLYHOCKS

VICK'S HOLLYHOCKS (For plants see page 86)

We feel justly proud of our special strain of Double Hollyhock grown on our farms. In all our experience we have never seen a greater variety of colors, from the most delicate pink to deep maroon; all immense, perfectly double flowers. No garden is complete without a few of these stately, hardy plants from six to eight feet high, used as a background or in the border with shrubs or other hardy plants. Seed sown in the early summer will produce blooming plants the second season. July-Sept.

Hollyhock, Double. Four to five feet high. Very double and fine, from the best named Pkt. collection in Europe. Pink, rose, scarlet, yellow, crimson, flesh, white. Any Color . . . Pkt 10
Mixed Colors. Ounce, \$1.50; ¼ ounce, 50 cents.

Newport Pink. The finest double pink variety in cultivation. Color similar to that of the famous "America" Gladiolus. Planted with "Pillar of Beauty" Larkspur the effect is strikingly beautiful. . . Pkt 15

Allegheny. Six to seven feet high. Flowers very large and beautifully fringed. Single and semi-double. Has a long season of bloom, and the plants are taller and less subject to rust than the double varieties. Mixed Colors . . . Pkt 10

Hollyhock, Single, mixed colors. . . . Pkt 10

HONESTY—Satin Flower

Lunaria. (Moonwort). Hardy biennial, prized for its curious attractive silvery white seed pouches, used for winter decoration . . . Pkt 10

HYACINTHUS (For bulbs see p. 105)

Candicans (Summer Hyacinth). White pendant funnel shaped flowers, in long racemes. Very decorative and fragrant . . . Pkt 10

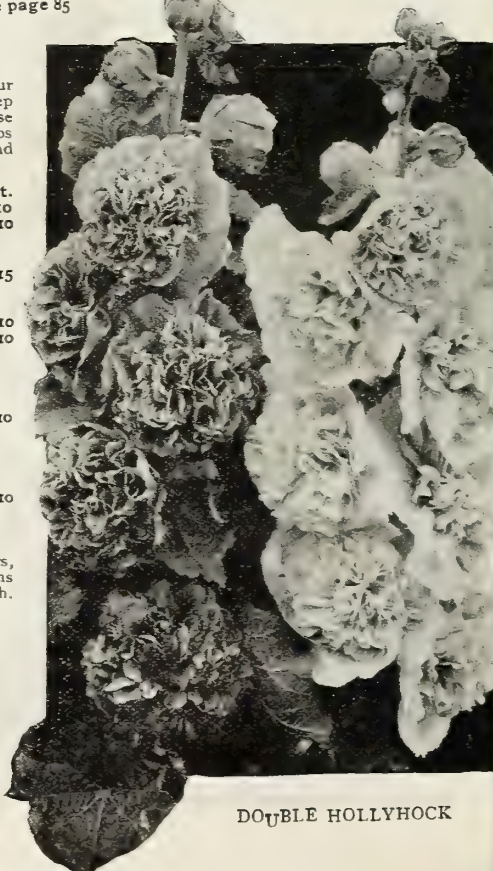
PYRETHRUM—Persian Daisy (See also pages 71 and 87)

Hardy perennial plants of easy culture with beautiful, large single and double, daisy-like flowers, three to four inches across, in a variety of brilliant colors. The flowers are borne on long stems and are splendid for cutting. The plants have a long season of bloom. Grow two feet high. Blooms from June until frost if cut back.

Single Large-Flowering. Mixed colors . . . Pkt 10

Double Large-Flowering. Mixed colors . . . Pkt 25

Yellow-Leaved or Golden Feather. Dwarf plants about eight inches high, used extensively for borders and edgings. Foliage bright yellow . . . Pkt 10

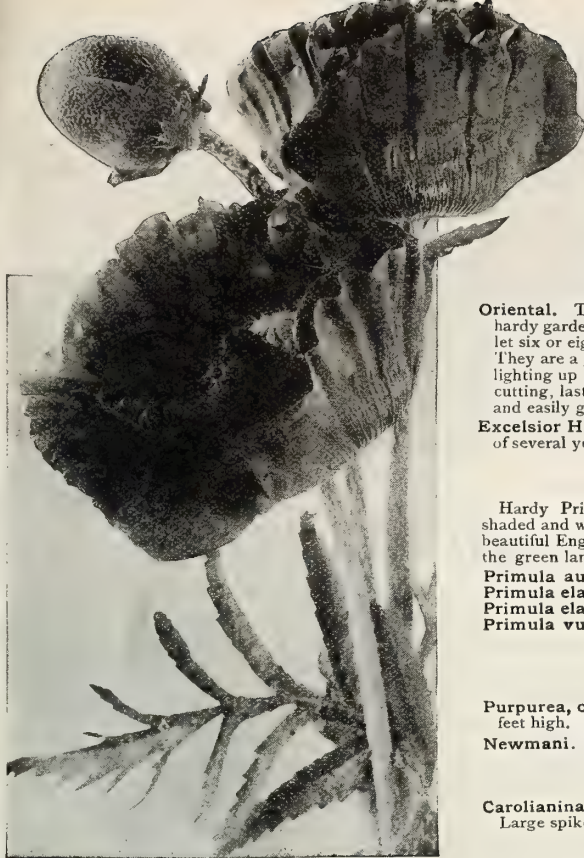


DOUBLE HOLLYHOCK

October 25, 1922 Liverpool, N. Y.

The Bulbs, Perennial plants and Enchantress Carnation were received in good condition.
Mrs. Grace Ardell

We offer Plants of nearly all Perennials shown here.



ORIENTAL POPPY

SHASTA DAISY (For plants see page 89)

A very hardy perennial, blooming better and more abundantly each season, and continuing to bloom for several months. The pure white flowers are from two and one-half to four inches in diameter, and are borne singly on long, stiff, wiry stems. The blooms, when cut, remain perfectly fresh and in good condition for two weeks or more. Blooms from July to October . . . Pkt. 10

SWEET WILLIAM (For plants see page 89)

We are pleased to see that the merits of this sturdy old-fashioned flower are being more generally recognized and its cultivation greatly extended. Beautiful, fragrant and easily grown, it is worthy of a place in every garden. The best varieties of Sweet William are of exceedingly beautiful colors, and the large fragrant flowers are borne in trusses of great size. They make a splendid show in the garden or hardy border and last well as cut flowers. Seed may be sown at any time from spring to mid-summer. Blooms the second season. Blooms during June and July. Perfectly hardy. Pkt

Holborn Glory. Large flowers in beautiful shades, with center and margin of white	10
Dunnett. Deep blood red. Rich, velvety texture	10
Pink Beauty. A beautiful salmon pink	15
Scarlet Beauty.	10
Single White.	10
Double White.	10
Single Mixed. (Perfection.) All colors.	10
Double Mixed. All colors	10

VALERIANA (For plants see page 89)

Rubra. Long spikes of fragrant bright red flowers, two feet high, excellent for border	10
Alba. Pure white flowers	10

VERONICA—Speedwell (For plants see page 89)

Spicata. Delightfully pretty blue flowers in long spikes	10
Longifolia Subsessilis. A fine autumn blooming plant, two feet high. Flowers rich violet blue	15
Speedwell Mixed.	10

YUCCA (For plants see page 89)

Filamentosa. A strikingly decorative plant; long narrow sharp pointed leaves and large spikes of creamy white bell-shaped flowers	15
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We have had the experience of over half a hundred years in growing, packing and shipping seeds, plants and bulbs

PERENNIAL POPPIES (See also pages 60, 71 and 87)

Iceland Poppies are perennial, but blossom the first year from seed, if sown early. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy (annual), and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut-flowers, lasting well if cut when the buds are opening. Bloom from June to October. Pkt.

Pure White, Yellow and Orange, in separate packets, each	15
One packet each of the three above colors	35
Above colors mixed, per packet	10

Oriental. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shrubbery, lighting up the usually dark and somber clumps of shrubs. The flowers are splendid for cutting, lasting well if cut as they are opening. The plants bloom in June. Perfectly hardy and easily grown from seed. Sow seed from April to June . . . 10

Excelsior Hybrid. A grand mixture of colors in hybrids of the Oriental Poppy. The result of several years careful selection. Ranges from the most delicate salmon to deep crimson. . . 25

PRIMROSE (See also pages 70 and 104)

Hardy Primroses succeed best in a northern border. Sow seeds where they can be kept shaded and watered as they require a long time to germinate. *Primula vulgaris* is the sweet, beautiful English Wild Primrose, so ardently loved by all who spent their childhood days among the green lanes of England. Pkt

Primula auricula. Fine Mixed.	25
Primula elatior. (Polyanthus.) Fine Mixed	10
Primula elatior. (Polyanthus.) Gold-laced.	25
Primula vulgaris. Wild English Primrose	15

RUDBECKIA—Cone Flower

For description and illustration, see page 89.

Purpurea, or Giant Purple Cone Flower. Flowers reddish wine-purple. Two to three feet high. Blooms from June to October. Beautiful and lasting as cut flowers	10
Newmanii. Single golden-yellow flowers with black center	10

THERMOPSIS

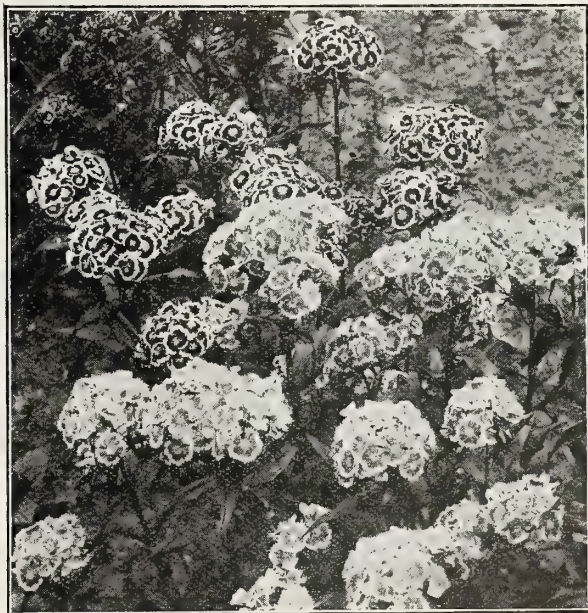
Caroliniana. Magnificent tall growing plant, about 5 feet high, with clover like leaves. Large spikes of golden-yellow, pea shaped flowers	15
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PENTSTEMON

Barbatus. Handsome spikes of bright scarlet flowers; three feet high	15
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HARDY SCABIOSA (See also pages 77 and 89)

Caucasica. One of the best of the hardy perennials. The large flowers are a beautiful soft lilac color and are borne on long stems. Two to three feet high	15
Japonica. Beautiful artistic lavender-blue flowers about two feet high	15



BEAUTIFUL, FRAGRANT, OLD FASHIONED SWEET WILLIAM



HARDY PLANTS AND BULBS

HARDY PERENNIALS are like old family friends; they never leave us, but grow more and more beautiful and beloved as the years roll by. Year after year they come up to greet us with the charming beauty and gorgeous coloring of their flowers and foliage, just as they greeted our mothers in the days of yore. Where can one find plants so attractive, so appealing to the eye, which can be put to so many uses? For the border they are most satisfactory, for filling in the front of shrubbery they are unexcelled, and for massing on the lawn they are superb.

With a little care you can have a profusion of interesting and enchanting blooms from early April to late November. Prolong the blooming period by keeping the flower stalks cut out close to the ground and not permitting them to form seed. Most early-flowering varieties will bloom again in the fall if cut back close after their first blooming period. After the first hard frost in the fall, cut down the tops to within three inches of the ground and give the bed a good coat of half-rotted manure which will protect the plants and enrich the soil; dig this under in the spring before new growth starts.

We prepay Parcel Post or Express charges on Hardy Perennial Plants to all points east of the Mississippi River

Seeds of Perennial Plants are shown in this catalogue in a section commencing on page 79.

ACHILLEA or Yarrow (For seeds see p. 79)

The Pearl. The blossoms are of purest white, and so large that they resemble a Pompon Chrysanthemum. Hardy, and will thrive in almost any situation. Very desirable for garden or for cemetery decoration. Blooms nearly the whole season. Each 30 cents; dozen, \$3.00

Millefolium roseum. Foliage very finely cut; flowers pink. Blooms continuously. Each, 30 cents; dozen, \$3.00

Tomentosum. Bright yellow flowers. Very fine for rockeries. Each, 30 cents; dozen, \$3.00

ALYSSUM (See also pages 58 and 79)

Saxatile compactum—"Basket of Gold." An indispensable plant for the rockery or border, growing one foot high and producing, in May, masses of broad flat heads of bright yellow flowers. Each, 25 cents; dozen, \$2.50

ANEMONE (For seeds see p. 79)

Whirlwind. This double variety has the habit, and all the other good qualities of the Single White Japan Anemone, with the additional ones of greater hardiness and more lasting blooms. The flowers are two and one-half to three inches across, and have several rows of white sepals. The plants grow from two and one-half to three feet in height. Each, 30 cents; doz. \$3.00

Queen Charlotte. Early-flowering, vigorous grower. Begins flowering in August, and continues until November, becoming more attractive each day. Flowers semi-double, broad, perfectly formed, and of a delightful shade of silvery pink. Each, 30 cents; dozen, \$3.00

Japonica alba. Flowers pure white with yellow center, single. Each, 30 cents; dozen, \$3.00

ARABIS or Rock Cress (For seeds see p. 79.)

Alpena. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. Excellent for cutting, lasting a long time in bloom. Blooms early spring. Each, 25 cents; dozen, \$2.50.

NEW ANCHUSIA ITALICA (For seeds see p. 79)

DROPMORE VARIETY

One of the most valuable of the recent introductions. The plants are vigorous and branching, growing from three to five feet in height. The flowers are borne on long, pyramidal, graceful spikes; color beautiful, clear, bright blue, a shade peculiar to this variety. Its blooming season is in June and July. Each, 30 cents; dozen \$3.00

We ship plants direct from our greenhouses to you thus assuring their arrival in the best possible condition

Rochester, N. Y., October 23, 1922

The three Queen Charlotte Anemone I received last week were the finest plants I have ever received from any seed house. Please send two more.

H. A. Burrell.



ANEMONE—"WHIRLWIND"



DELPHINIUM or HARDY LARKSPUR

DELPHINIUM or Hardy Larkspur (See also pages 63 and 82)

The Hardy Larkspurs are easily among the finest of all our perennial plants. The prevailing colors are rich, clear shades of blue. The taller kinds furnish long spikes of bloom that are strikingly decorative and last a long time as cut flowers. The plants have a long season of bloom, which can be greatly prolonged by keeping the seed stalks cut out and supplying plenty of water. The dark, handsome foliage is neat and attractive throughout the whole season. The plants are perfectly hardy. Each, 30 cents; doz. \$3.00.

Formosum. A most brilliant deep blue, the finest blue flower known among our hardy plants. Three to four feet. Blooms from June to frost.

Formosum Collettinum. A charming delicate blue.

Bee Larkspur. Interesting for the manner in which the petals are folded up in the center of each flower so as to resemble a bee. Flowers of lighter shade than Delphinium Formosum.

Chinese. A pretty variety, in varying colors from blue to white. Eighteen inches.

Belladonna New. The finest Delphinium yet produced. Large light blue.

CERASTIUM or "Snow in Summer" (For seeds see p. 80.)

1 mentosum. A very pretty dwarf, white-leaved edging plant, bearing small white flowers. Fine for rockery. Blooms in May and June. Each 25 cents; dozen, \$2.50.

COREOPSIS (For seeds see p. 81)

Lanceolata Grandiflora. A most popular hardy plant. Flowers are rich golden yellow in color, graceful and invaluable for cutting. Blooms very abundantly during the last of June and continues in flower during the entire summer and autumn. 18 to 24 inches. Each, 30 cents; dozen, \$3.00.

CORNFLOWER ASTER or Stokesia Cyanea

Valuable native hardy plant of easy culture. Large, handsome flowers of lavender blue, borne profusely from July until frost. 18 inches. For seeds see page 82. Each, 25 cents; dozen, \$2.50.

DIGITALIS or Foxglove (For seeds see p. 80)

The Foxgloves are quite stately and highly ornamental plants when well grown, with flower stems at least three feet in height. They are fine for the mixed border, or planted single in half-shady places near a walk or drive. The racemes of the flowers are about two feet in length, containing scores of prettily-spotted thimble-shaped flowers. Perfectly hardy. Pink, white and purple. Each, 30 cents; dozen, \$3.00.

Strong, well-grown Vick Quality Plants, carefully packed, by Parcel Post or Express, can be sent anywhere

AEGOPODIUM (Bishop's Weed)

Podagria variegata. A rapid growing, attractive green and yellow variegated foliage plant. Splendid for borders. Thrives in any soil. One foot high. Each, 25 cts; dozen, \$2.50.

AQUILEGIA or COLUMBINE

(For seeds, illustration and full description see page 79)

Each, 30 cents; dozen, \$3.00.

Chrysantha. The beautiful golden-yellow Columbine.

Coerulea. The true Rocky Mountain Columbine. Flowers azure blue and white.

Skinneri. Scarlet and yellow. Unusually attractive for any purpose.

Erskine Park Hybrids. Beautiful hybrids. A fine selection of the most popular colors.

Single Mixed. All colors in a fine mixture.

Double Mixed. Flowers very large, full and double.

BOLTONIA

Among the showiest of our native hardy perennials. Attains a height of four to five feet, with single aster-like flowers in large clusters. When in full flower (and it remains in bloom a long time) it is a wonderfully handsome shrub-like plant and makes a fine show in the perennial bed. The flowers are very useful and attractive when cut for table decorations. It grows very rapidly and easily. Very hardy.

Asteroides. Pure white

Each, 25 cents; dozen, \$2.50

Latisquama. Lavender Pink

Each, 25 cents; dozen, \$2.50

CHINESE LANTERN PLANT (For seeds see p. 80)

Physalis Franchetti. An ornamental variety of Winter Cherry grown principally for its very attractive balloon-like husks or pods, which turn bright red and resemble Chinese paper lanterns. These may be dried and last forever, making splendid winter decorations. Ea., 35c.; doz., \$3.50.

CAMPANULA or Bell Flower

(For seeds and illustration, see page 80)

Each, 30 cents; dozen, \$3.00.

An indispensable, always popular hardy plant that grows in great variety of forms. Some are tall, stately and imposing and others are dwarf and compact, suitable for edging rockeries, etc. They flower best in a half-shady location.

Carpatica. (Carpathian Hare-Bell.) A pretty, compact species, not exceeding eight inches high flower clear blue, one inch in diameter. Blooms from June to last of Oct.

Carpatica Alba. White flowers.

Medium. Old fashioned Canterbury Bell.

In three colors, pink, blue and white.

Our stock has been grown from the finest strain of seed. Two to three feet., June-July.

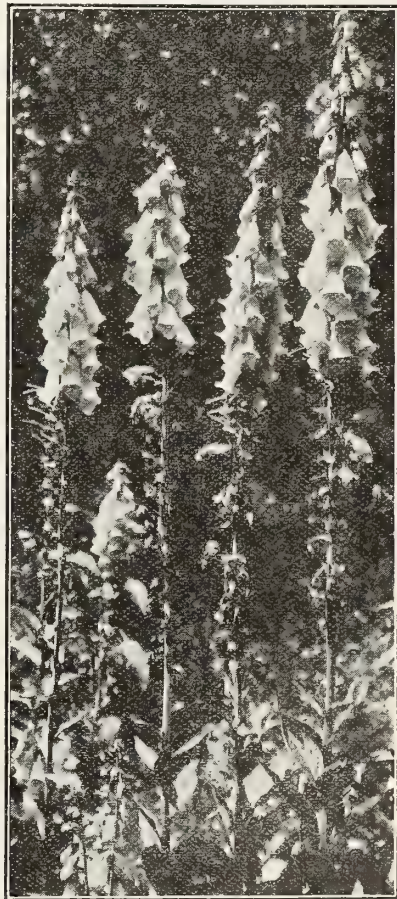
Persicifolia. Grows 1½ feet high, and produces a great number of blue flowers in loose clusters from June to July.

Persicifolia alba. A white form of the above

Pyramidalis. A most attractive plant for the border, forming a perfect pyramid, covered with large, blue and white flowers.

Four to six feet. Blooms in August.

Pyramidalis alba. Same habit as Pyramidalis, but the flowers are white.



DIGITALIS or FOXGLOVE

GAILLARDIA or Blanket Flower (See also pages 63 and 82)

Grandiflora. Among the most attractive and effective of our hardy perennial plants. Will thrive in almost any position or in any soil. One mass of bloom from June till autumn. The gorgeous flowers, two to three inches in diameter, dark red-brown in center, with bands of crimson-orange and vermillion, are borne on stems, eighteen to twenty-four inches long. When used for filling in front of shrubby Gaillardia adds a dash of color which is very effective. Each, 30 cents; dozen, \$3.00.

FORGET-ME-NOT (For seeds see p. 81)

Myosotis palustris. The true perennial Forget-me-not. A variety that is always in flower. Each, 25 cents; doz. \$2.50.

GYPSOPHILA—Baby's Breath

(For seeds and illustration see page 81; for annual varieties see page 63)

Paniculata. Gypsophilas are valuable for bouquet making, either green or dried. They are very graceful and easily cultivated. Should be in every garden. Flowers white. Plants two feet high. Blooms, July and Aug. Each, 30 cents; dozen, \$3.00.

HELENIUM—Sneeze Weed

Autumnale superbum. Valued for its profusion of golden yellow flowers. Long season of bloom and useful for cutting. Plants five feet high. Each, 30 cents; dozen, \$3.00.

HELIANTHEMUM VULGARE—Sun, or Rock Rose

A most desirable hardy, evergreen, low-growing plant. Suitable for the border, rocky, or a dry, sunny location. During the months of July, August and September, the plants are covered with a mass of blooms of various colors. Each, 25 cents; dozen, \$2.50.

HELIANTHUS—Hardy Sunflower (For annual varieties see p. 71.)

These varieties of Helianthus are perfectly hardy in this locality, but in colder regions a protection of coarse litter will be required. The plants attain a height of about four feet, and in their blooming season, August and September, they are nearly covered with bright golden-yellow double flowers, about the size of a Dahlia; they are very satisfactory for cutting.

Each, 30 cents; dozen, \$3.00.

Helianthus latæfrons. Plant of distinct habit, forming a pyramid of lovely flowers and foliage. Flowers, golden-yellow, single.

Maximiliana. Golden-yellow, with reddish brown center. Single.

Multiflorus. (Double hardy Sunflower.) Large, double Dahlia-like, golden-yellow flowers in great profusion during July and August. Grows about four feet high. Very beautiful.

Rigidus. Single. Fine upright habit of growth. Light yellow maroon center. About three feet high.

LATHYRUS—Perennial Peas (See also pages 75-81)

One of the best of the perennial climbers. It is very hardy and will succeed in almost any location. It produces clusters of large flowers which remain in bloom for a long while. Rose or Crimson. Each, 25 cts; dozen, \$2.50.

Callicoon, N. Y. June 2, 1922

This is to inform you that the Perennial Sweet Pea Vines have arrived, in a very nice thrifty condition. They rooted at once in my yard, and I want to you to know that I was very much pleased with them.

Mrs. J. H. Hess

HOLLYHOCKS (For seeds see page 82)

Illustration on page 82.

Double Hollyhock. This flower is justly becoming more popular every day. We have excellent healthy plants, grown from seed, that will flower the first summer. Give the plants a light covering of coarse litter for winter protection. In six separate colors—White, red, pink, purple, yellow, maroon. Each, 30 cents; dozen, \$3.00.

"Allegany." New Fringed Perpetual-Blooming. The flowers come single, semi-double, and double. They are seldom less than five inches across, and are beautifully fringed, of fine form and delicate texture. Two to four buds form at the base of each leaf, where the old style Hollyhocks have but one or two. These buds open in succession, prolonging the flowering season until autumn. Fine plants that will bloom the first season. Mixed colors. Each, 30 cents; dozen, \$3.00.

HIBISCUS—Rose Mallow (For seed see p. 81)

Tall, hardy, free blooming, with showy flowers. Height from three to five feet. July to Sept. Each 30 cents; dozen, \$3.00.

Crimson Eye. The flowers are immense in size. The coloring is of the purest white, with a large deep spot of velvety crimson in the center of each flower. A well developed plant will produce several hundred of these flowers during the season.

Militaris. Delicate flesh pink flowers, tinged with a deeper color toward the center.

Moschentos. Flowers six inches in diameter, light rosy red, with a dark center.

LOBELIA—Cardinal Flower (See also pages 64 and 81)

Cardinalis. An excellent border plant; it grows two feet high and produces rich, fiery cardinal flowers from early in August until late in September. The plants will thrive in any ordinary garden soil, but prefer a moist, deep loam where they will not suffer from drought.

Each 25 cents; dozen, \$2.50.

LYCHNIS (For seeds see page 82)

Chalcedonica—Maltese Cross—Jerusalem Cross. A most beautiful hardy perennial, growing three feet high, and producing brilliant scarlet flowers all summer long. Very desirable for mass planting and for a combination of colors in the border. Each, 30 cents; dozen, \$3.00.

Viscaria splendens. Single rosy-pink flowers, very showy; blooms in June. Each, 30 cents; dozen, \$3.00.

LYTHRUM Roseum Superbum

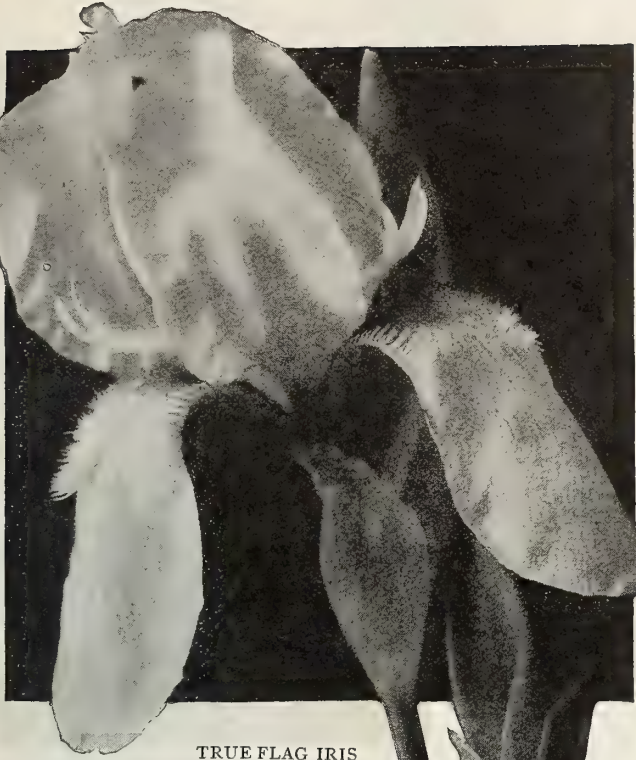
A strong-growing, shrub-like plant, producing large spikes of rose-colored flowers from July to September. Grows three to four feet high.

Each, 25 cents; dozen, \$2.50.

Gaillardia Grandiflora or Blanket Flower blossoms all the summer long and makes a gorgeous show of color in the garden



HIBISCUS—ROSE MALLOW.



TRUE FLAG IRIS

PENTSTEMON (For seeds see p. 83)

Most useful hardy perennial, blooming from June until autumn. Very fine for border or rockery. Flowers born on tall spikes, resembling Gloxinias. Grows about three feet high. *Coerulea*. Flowers blue. Each, 30 cents; dozen, \$3.00.

PHYSOSTEGIA
False Dragon-Head

One of the most beautiful of our summer flowering perennials, bearing long spikes of globular shaped flowers resembling a giant feather. Each, 25 cents; dozen, \$2.50.

Virginica. A bright pink. Four feet. *Virginica alba*. White. Two feet. *Speciosa*. A very delicate light pink. Grows four to five feet high.

HARDY PINKS (See also page 62)

These pinks are perfectly hardy, and will remain in the open ground all winter without protection.

Pot grown plants, each, 25 cents; dozen, \$2.50.

Field grown plants, each, 35 cents; dozen, \$3.50.

Comet. A fine shade of red; flowers double, clove scented.

Her Majesty. Flowers very large, fringed, very double, and pure white.

Fragrance delicious, clove scented. Long stiff stems support the flowers.

Souvenir de Salle. Soft rosy pink; large as a carnation; beautifully formed and very double.

White Reserve. A nicely fringed white. Always in bloom.

HARDY POPPY (See also pages 71 and 83.)

(Illustration on page 83.)
Each, 30 cents; dozen, \$3.00.

Iceland Poppies. The plants are perfectly hardy, and bloom the entire season. The flowers are about the size and shape of those of the well-known Shirley Poppy, and are borne on long wiry stems. The delicate silken texture of the flowers, nodding on slender stems, produces an exquisitely dainty effect. Charming as cut flowers, lasting well if cut when the buds are opening. White, yellow, and orange.

Oriental Poppies. The single large Oriental Poppy is one of the most striking and showy of all the hardy garden plants. The tall stems, three feet in height, bear great flowers of brilliant scarlet six or eight inches across. The plants thrive well either in the full sun or in partial shade. They are a great addition to the hardy border, and are of especial value among shrubbery, lighting up the usually dark and somber clumps of shrubs. The flowers are splendid for cutting, lasting well if cut as they are opening.

The plants bloom in June, and they disappear during July and August, to reappear again in the fall.

HERBS (For seeds see page 18.)

English Lavender. Each, 25 cents; dozen, \$2.50.

Mammoth broad-Leaved Sage. Each, 25 cents; dozen, \$2.50.

Orders for plants are filled at our greenhouses where the plants are grown, insuring prompt service and fresh plants.

THE IRIS, or Fleur-de-Lis

THE IRIS, or Flower-de-Luce, the *Fleur-de-lis* of the French, is one of the most beautiful of hardy garden plants. There are several distinct species of these plants, natives of different regions, each representing many garden varieties, the flowers of which are of peculiar and handsome form, beautifully colored and marked, and equaling in beauty the most showy orchids. The plants are hardy in the garden. Some kinds are desirable for the greenhouse.

Iris will grow almost anywhere; in out-of-the-way corners, among shrubbery, or wherever they have a reasonable amount of soil and moisture. They require very little care, and will remain in the ground from year to year, gradually spreading, and increasing the size and beauty of the floral display. It is best to divide the roots every two or three years.

TRUE FLAG IRIS Fleur-de-Lis

Perfectly hardy. They bloom in May and June, when there is a scarcity of other flowers. Plant three inches deep.

Each, 25 cents; dozen, \$2.50.

Celeste. Standard and falls delicate azure blue.

Gesneriana. White and lavender.

Madame Chereau. White, daintily edged light blue.

Madcap. Lavender and purple.

Souvenir. Old gold and purple, tall grower.

Pharaon. Blue, shaded rose color.

Florentina. White lavender vein.

Canary. Rich yellow.

Atropurpurea. Old blue, very fine.

Velveteen. Golden bronze and rich purple.

JAPANESE IRIS

The flowers of the Japan Iris are of the richest colors, ranging from white to purple, with delicate markings and veinings and quite different in form from those of the True Flag Iris, being much flatter and larger. Named varieties, all double. Blooms just after the True Flag Iris.

Each, 30 cents; dozen, \$3.00.

Blue Danube. Deep indigo blue, violet shadings.

Gold Bound. Pure white.

Hyde Park. Reddish purple, striped white.

Mahogany. Dark red, shaded maroon.

Mars. Reddish purple, striped and blotched white.

Paragon. Rich velvety purple.

Pyramid. Lilac blue, veined white in center of each petal.

Spotted Beauty. White spotted with violet crimson.

ORNAMENTAL GRASSES

(For seeds of Ornamental Grasses see page 78.)

Ornamental Grasses are very effective in borders and in clumps among shrubbery. They grow very easily and when once started, practically take care of themselves. Each, 30 cents; dozen, \$3.00.

Erianthus Ravennae. Hardy Pampas Grass. Grows from nine to twelve feet high, frequently throwing up from 30 to 50 flower spikes.

Eulalia. Handsome, tall, ornamental grasses for the open lawn, or for clumps in the borders of shrubbery. Leaves beautifully variegated.

Eulalia Japonica zebrina. Stripe across the leaf instead of lengthwise.

Eulalia Japonica variegata. Leaves beautifully striped lengthwise.

Eulalia univittata. The most beautiful of all Eulalias. Foliage narrow, dark green, with a silvery white midrib.

LUPINUS, Lupine (For seeds see p. 81)

Polyphyllus. Strong plants, about three feet high, with long spikes or pea-like flowers in early summer.

Mixed colors. Each, 30 cents; dozen, \$3.00.

MONARDA DIDYMA

An exceptionally fine, hardy perennial for planting in the garden or in a mixed border. The plant grows about 2½ feet high, branching freely, and bears multitudes of bright red, showy flowers all summer, which are surpassed in intensity of color only by the Cardinal Flower. For a mass of color it is very striking. Thrives well in the shade.

Each, 30 cents; dozen, \$3.00.

PYRETHENUM (For seeds see p. 82)

Sometimes called Spring Flowering Chrysanthemum. Hardy perennial plant of easy culture, with beautiful, large, daisy like flowers in a variety of brilliant colors, ranging from intense scarlet to pure white. The flowers are borne on long stems and are splendid for cutting, lasting in water longer than almost any other flower. The plants have a long season of bloom.

Each, 30 cents; dozen, \$3.00.

PLATYCODON Grandiflorum (For seeds see p. 80)

The Chinese Bell Flower. In bloom the entire season. The flower resembles *Clematis* in size and color. Two varieties, blue and white, two feet high.

Each, 30 cents; dozen, \$3.00.

PERENNIAL PHLOX (For Annuals) see page 70.

The Perennial Phlox, which is one of the most popular and satisfactory of all hardy plants, give one a splendid idea of a diversity of uses to which those plants may be put. As a border plant Perennial Phlox is extremely effective; massed in a bed, it makes a gorgeous spectacle with its magnificent spikes of showy and lasting flowers; and scattered among the early flowering hardy plants it is very attractive. Perennial Phlox grows from two to three feet high. Its blooming period normally is from June 15th to late fall. By cutting away each flower stem as soon as it is through blooming, other flowers will appear, thus prolonging the blooming period and increasing the size of the flowers.

Strong field-grown plants. Each, 30 cents; dozen, \$3.00.

- Coquelicot.** Bright scarlet.
Cyrano. Large truss of pink flowers.
Eclairer. Flowers of immense size, carmine, salmon center, rosy white star.
Esclamonde. Rosy lilac, shaded white; large purple center with white halo.
Faust. Bright rose.
Independence. White flowers, very early.
Isabey. Orange-salmon, center purplish crimson.
Jeanne D'Arc. Very large, pure white flower, a very strong grower.
Le Mahdi. Violet purple.
Lothair. Rich salmon, crimson eye.
M. Bezanson. Fiery crimson, velvety purple eye.
Miss Lingard. White with delicate pink center; long spike; early.
Pantheon. Salmon-rose; a fine variety, and should be planted more extensively.
Purity. The best pure white.
Richard Wallace. Pure white with distinct violet eye.
Rosetta. Deep rosy crimson-violet.
Sir Edwin Landseer. Brilliant crimson.
The Pearl. Pure white.

PHLOX SUBULATA—Moss Pink

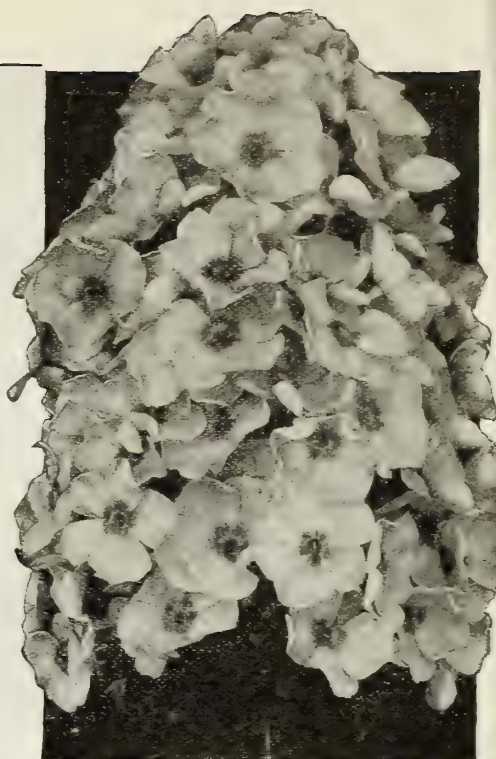
Fine for the rockery and border, gradually spreading, and forming a beautiful rich green carpet covered with fine pink star-shaped flowers. An early blooming plant, flowering in May.
The Bride. Pure white, with pink eye. Each 25 cents; per dozen \$2.50.

VICK'S PEONIES

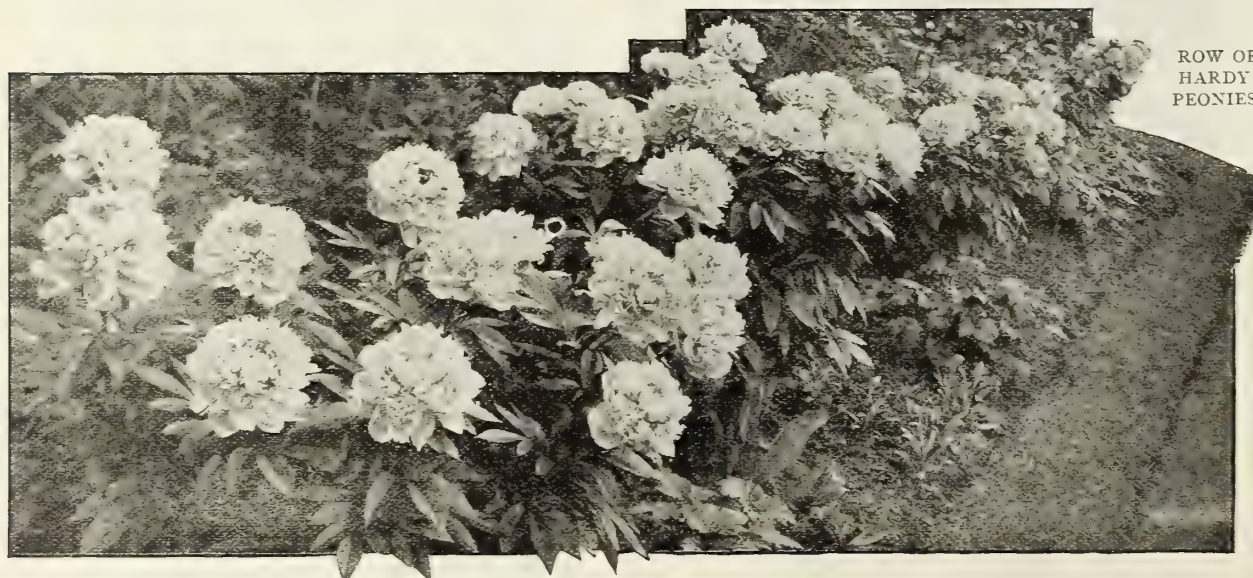
THIS queen of herbaceous Perennial Plants deserves its increasing popularity because of its beauty, range of color and form, extreme hardiness, ease of culture and freedom from plant pest and disease. You will find below a very choice assortment of different colors and types including the early, mid-season and late kinds. Our Peonies are grown under the direction of an expert and are of high quality and true to name. At prices below we prepay postage or express as far as the 5th zone. Special prices on large quantities.

- Achille.** Large rose-type flower; pale pink shading to lilac white; fragrant; each, 60 cents.
Alexander Dumas. Medium size; light violet rose; crown type; creamy white collar of narrow petals mingled with white center petals; fragrant; each, 75 cents.
Augustin D'Hour. Large bomb type flower; dark brilliant Solferino red slightly silvery reoex; each 85 cents.
Avalanche. Large compact crown type; milk white center; flecked crimson red; very choice; each \$1.00.
Couronne D'Or. Large semi-rose type; pure white with ring of yellow stamens around a tuft of center petals; tips carmine; each 85 cents.
Duchess D'Nemours. Pure white; crown type; sulphur white collar; no flecks; fragrant; very early; each 60 cents.
Edulis Superba. Large; bright mauve pink; flat crown type; very fragrant; the earliest deep pink, each 60 cents.

- Festiva Maxima.** Probably the most popular pure white rose type Peony; center slightly flecked crimson; early; each 60 cents.
Fragrans. Dark pink; compact bomb type; medium size; fragrant; late; each 60 cents.
Grandiflora Nivea Plena. The earliest white; large globular rose-type flower; very fragrant; each \$1.00.
Louis Van Houtte. Medium size semi-rose type; deep carmine rose; tipped silver; late; each 60 cents.
Madame Calot. Large rose-type; pale shell-pink, center shaded darker; collar tinted silver; fragrant; early; each 60 cents.
Madame De Vernville. One of the best pure white Peonies; bomb type, slightly flecked carmine; fragrant; early; each 85 cents.
Marie Lemoine. Large rose-type; pure white with creamy white center, tipped carmine; fragrant; the latest white to bloom; extra choice; each 85 cts.
Rubra Superba. Large compact rose-type; crimson; the best very late red; each 85 cents.



VICK'S HARDY PERENNIAL PHLOX



ROW OF
HARDY
PEONIES

For border planting or for beds and groups of flowers it would be hard to find anything better than the Peony.



RUDBECKIA, PURPUREA

RUDBECKIA or Cone Flower (For seeds see p. 83)

The Rudbeckias are very decorative plants, and are excellent for shrubberies, flower borders and along carriage drives. They thrive in any good garden soil and grow so rapidly that a few small plants soon become large clumps and produce hundreds of flowers.

LACINIATA *flora plena*—Golden Glow. The best known and most popular ever-blooming hardy plant grown. It is covered during the season with masses of rich golden-yellow double flowers on long stems that make it suitable for cutting. Attains a height of 6 to 8 feet. Each, 30 cents; dozen, \$3.00.

Newmani. The flowers are single, golden-yellow, with black center; the plant grows 3 feet high and blooms from July to October. Each, 30 cents; dozen, \$3.00.

Purpurea, or Giant Purple Cone Flower. Flowers reddish wine-purple. Grows about two to three feet high and blooms from July to October. Each, 30 cents; dozen, \$3.00.

SALVIA PRATENSIS or Hardy Sage (For seeds see p. 72)

A very strong, hardy plant, twelve to eighteen inches high which bears showy spikes of deep blue flowers from June to September. Each, 25 cents; dozen, \$2.50.

SEDUM, Stonecrop

Each, 25 cents; dozen, \$2.50.

Excellent fleshy leaved plants for the rockery, carpet bedding, or covering graves.

Album. Low-growing; pretty white flowers.

Acre. A pretty species for rockwork; forms a neat green carpet.

Pulchrum. A low-growing variety. Flowers pink.

Spectabile. A strong upright grower, with heads of showy rose-colored flowers.

Teliphium. The well-known "Live Forever." Flowers pink, spotted white.

SCABIOSA or Pin Cushion Flower (For seeds see pages 76 and 83)

Caucasica. One of the best hardy plants, producing beautiful lilac colored flowers from June until fall. 18 to 25 inches high. Each, 25 cents; dozen, \$2.50.

SHASTA DAISY—New Imp. Alaska (For seeds see p. 83)

A fine hardy perennial, 12 to 18 inches high. The flowers are pure white, with a bright yellow center, average about four inches in diameter, and are borne on long, stiff, wiry stems. Valuable for cutting, remaining fresh for two weeks or more. Each, 30 cents; dozen, \$3.00.

SWEET WILLIAM or Dianthus Barbatus

Illustrated on page 79 and 83. (For seeds see page 83)

The best varieties of Sweet William have exceedingly beautiful colors, and are very large and almost perfect in form, with trusses of great size. They are fine as cut flowers. The plants are perfectly hardy.

Holborn Glory. Beautiful shades, center and margin of white. **Dunnett's Crimson.** Dark crimson. **Pink Beauty.** Beautiful salmon pink. **Scarlet Beauty** Any variety. Each, 25 cents; dozen, \$2.50.

VALERIANA RUBRA (For seeds see p. 83)

An old-fashioned plant, about two feet high, which blooms from June to October. The flower heads are large and beautiful, bright red in color and of spicy fragrance. Its long spike of fragrant flowers make it an excellent border plant and suitable for cutting. Each, 25 cents; dozen, \$2.50.

VERONICA—Speedwell (For seeds see p. 83)

Spicata. One of the prettiest of the spring flowering herbaceous plants, bearing pretty blue flowers in long spikes. Valuable both for the garden and for cut flowers. They should be in every garden.

Each, 25 cents; dozen, \$2.50.

Rupestris. A fine rock plant, growing three or four inches high, whose thickly matted green foliage is hidden in spring under a cloud of bright blue flowers. Each, 25 cents; dozen, \$2.50.

YUCCA—Spanish Bayonet (For seeds see p. 83)

Filamentosa. One of the most decorative and striking of the hardy plants. It is erect and stately, perfectly hardy, and has sharp pointed leaves and large spikes of creamy white, bellshaped flowers. It grows about four feet high and blooms in August. Each, 30 cents; dozen, \$3.00.

TRITOMA—Flame Flower

McOweni. A charming variety, coming into bloom very early; stems long, truss rather loose color orange scarlet and yellow. Each, 35 cents; dozen, \$3.50.

Pätzeri. A great improvement on the old *Tritoma uvaria grandiflora*, or Red Hot Poker. The flower spikes which are produced with considerably more freedom than in the old variety, are of gigantic size; frequently 4½ feet high, with heads of bloom over twelve inches long, of a rich orange-scarlet, shading to salmon-rose at edge. Flowers from July until frost. Each 35 cents; dozen \$3.50.



TRITOMA

Kent, Wash., Oct., 18, 1922

I received the Peony which you sent me. It is a fine root and I thank you for same.

H. H. Weatherby

Rosedale, Gig Harbor, Wash., March 21, 1922

The seeds at hand some few days ago and the plants yesterday As to their condition, they looked as though I may have brought them direct from the city.

Mrs. C. M. Newman

On large plantings of Perennials, Shrub, etc., we can make special prices. We are also very willing to make suggestions on the arrangement of varieties, distance apart to set etc. If in doubt write us.

Our greenhouse farms at Barnard N. Y. this year were filled full of the finest stock of Perennials we have ever grown.



VICK'S HARDY LILIES

THE LILY is renowned for its magnificent beauty, delicate charm and exquisite fragrance. It is invaluable for the hardy border, excellent for the perennial bed and attractive, as cut flowers, for the house. Knowing the satisfaction it will give, we recommend the Lily's use more extensively in the hardy border, and urge the introduction of at least a few varieties in the perennial garden. The varieties may be so chosen as to give a succession of bloom from the first of June until the latter part of August.

We are growing more varieties and larger quantities of Lilies each year on our own bulb farms, near Rochester, where, because of favorable soil conditions and our experience in Lily growing, we are able to secure unusually fine bulbs. Some of our Lilies come from Japan and other far-away places, but whether grown on our own farms or coming to us from other experts in Lily growing, you will find our bulbs to be true Vick Quality.

Auratum, the Gold-Band Lily of Japan. A favorite variety for outside purposes. No garden, however small, should be without it. Its ease of culture and magnificent flowers of a delicate ivory color thickly dotted with chocolate-crimson spots with a gold band running through the center of each petal, make it one of the most desirable of garden lilies. Blooms about July 20th. Although quite hardy, for best results an extra covering should be given the bulbs in the winter. Three to five feet high. **Extra strong bulbs, imported direct from Japan.** 60 \$6 00

Canadense. Our native Meadow Lily; flowers drooping, delicate scarlet-yellow throat, spotted black. Blooms about July 10th. 2 to 3 feet high. 35 3 50

Candidum. Common white Lily; hardy, free bloomer, fragrant; known as Annunciation Lily or Madonna Lily. Our bulbs are ready in August, and should be planted as early as possible in the fall. Can be grown inside. Blooms in June. 35 3 50

Elegans, Indian Chief. Brilliant flame color; petals deeply colored at center with much lighter shade at margin. 35 3 50

Elegans Atrosanguineum. Dark blood red with dark spots. One of the very best dark varieties. 35 3 50

Elegans Incomparable. Deep crimson, slightly spotted with black. Very showy. 35 3 50

The above three varieties of Elegans bloom about July 1st.

Elegans Batemanni. A beautiful Japanese variety; flowers upright, of rich reddish orange color; strong and hardy; should have a place in every garden. Blooms about July 15th. 35 3 50

Speciosum Album. The Speciosum or Lancifolium are the most important of all the Japanese Lilies. Always satisfactory. The Album has large white flowers of great substance, with a greenish band running through the center of each petal. 60 6 00

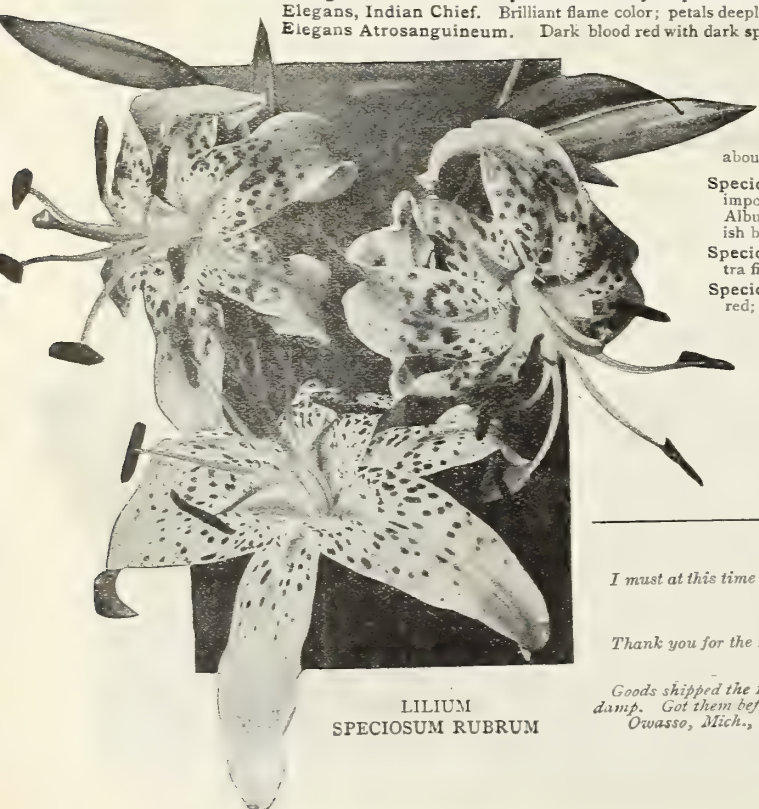
Speciosum Rubrum. White and rose, rich crimson spots. Extra fine. Blooms profusely. Very satisfactory. 60 6 00

Speciosum Melpomene. Crimson, spotted with deep blood-red; each petal distinctly bordered with white. Same habit of growth as rubrum; stem dark and color of flower much deeper. 60 6 00

The above three bloom about August 15th.

Japonicum longiflorum. The hardy Easter Lily. Very fragrant. White, trumpet-shaped. Blooms about the 20th of July. 40 4 00

Leichtlini Max. Orange-salmon with purple dots. Vigorous and showy. A refined "Tiger Lily." Blooms August 1st. 30 3 00



LILIUM
SPECIOSUM RUBRUM

Sept., 22, 1922, Chicago, Ill.
I must at this time express my satisfaction with all of Vick's Plants which I have ordered.
D. Evans.

March 20, 1922, Atlanta, Ga.
Thank you for the Primula plant came safely. The leaves had not wilted, moss still damp
Mrs. J. L. Spencer.

Goods shipped the 10th of October got here the 14th. Paper around the roots were yet damp. Got them before noon and they were all in the ground before night. Many thanks.
Owasso, Mich., Oct. 15, 1921. **EFFIE DE VOIST.**



LILIAM TIGRINUM—The Old-Fashioned Single Tiger Lily

Vick's Day Lilies

The Day Lilies are superb autumn flowers, desirable for planting on the side of a lawn or at the edge of shrubbery. They do well in shade and are much prized on that account. The plants can be set either in spring or autumn, and may be protected by a light covering of leaves the first winter after setting out.

White Day Lily—Funkia Alba. Broad, light green leaves. Flowers large, pure white, fragrant. Each, 30 cents; dozen \$3.00.

Blue Day Lily—Funkia Japonica. Light blue; narrow foliage. Each, 30 cents; dozen, \$3.00.

Variegated Leaved Day Lily—Funkia undulata media picta. Lavender foliage light green, beautifully variegated with white. Each, 30 cents; dozen \$3.00.

Hemerocallis aurantiaca major. Golden Day Lily. One of the very finest hardy herbaceous plants. The plant is extremely vigorous in its habit. The large and attractive foliage rises to a height of two feet, and is of a deep green. The flower spikes are strong, bearing in succession as many as twelve flowers which are seven to eight inches across; of a rich orange-yellow. A very remarkable variety. Each, 30 cents; two for 50 cents.

Hemerocallis flava. Lemon Lily. A fine, hardy plant, producing an abundance of large, fragrant, golden-yellow flowers. Each, 30 cents; dozen; \$3.00.

Hemerocallis Dumortieri. Very dwarf, flowering in June. Flowers rich yellow; buds and reverse of petals bronze yellow. Each, 30 cents; dozen, \$3.00.

Hemerocallis Middendorfi. The earliest to bloom. Flowers bell-shaped, rich chrome yellow. Blooms early in May. Two feet high. Each, 30 cents; dozen, \$3.00.

VICK'S DAY LILY COLLECTION

FIVE VARIETIES OF LILIES, \$1.25. White Day, Lemon Day, Golden Day, Variegated Leaved Day, Blue Day, A Complete Collection of Fine Varieties Postpaid to Your Door for \$1.25.

VICK'S SUPERB LILY COLLECTION

Six Extra Choice Varieties Delivered at Your Door, Postpaid, for \$2.00. Auratum, Rubrum, Melpomene, Album, Elegans Incomparable, Tigrinum Splendens. Six varieties, carefully selected for garden planting, \$2.00.

Tigrinum splendens. The old-fashioned single Tiger Lily. Perfectly hardy. Especially desirable for planting in the border with other hardy plants. Blooms about August 1st EACH DOZ. 35 \$3 50

Tigrinum fl. pl. Double Tiger Lily. Blooms about August 15th 35 3 50

Pardalinum. A California Lily resembling our native Canadense. Flowers red and yellow, with dark spots. Blooms about July 10th. 35 3 50

Superbum. Our native Turk's Cap Lily. Three to six feet high and bearing ten to twenty flowers. Yellow to orange-red, with dark spots. Blooms July 15th. 35 3 50

LILIUM MYRIOPHYLLUM

A variety of extraordinary merit discovered by Mr. E. H. Wilson, the famous plant collector, in Northwestern China. It has been hailed by many competent authorities as the Easter Lily of the future. The flowers are slightly suffused with pink, and with a beautiful shade of canary yellow at the center extending part way up the trumpet. They are delightfully perfumed, reminding one of Jasmine. This variety is absolutely hardy, and will do well in almost any soil or climatic conditions. It is likewise an excellent variety for forcing, and will bloom profusely indoors where ordinary Lilies thrive. In the latitude of Rochester it blooms early in July. Awarded the Gold Medal by the Massachusetts Horticultural Society, and a First Class Certificate by the Royal International Exhibition, London. Each, \$1.25 cts.; doz., \$12.00.

MAGIC FLOWER—Lycoris Squamigera

A most unique and interesting plant which comes from China. At the first breath of spring the deep green foliage of the Magic Flower cuts its way through the frozen soil like a narrow sword. Thus it remains without a sign of expanding bud until the hot days of July, when its foliage turns brown and disappears. Then it is that the flower stalks spring like magic from the barren ground. Soon these slender pillars are crowned with a mass of from six to sixteen lily-shaped flowers, delicate lilac-pink in color shaded and penciled with blue. This beautiful and peculiar plant is perfectly hardy and requires but little care and attention. Each, \$1.25; dozen, \$12.00.



A BASKET OF MAGIC FLOWERS IN DELIGHTFUL COMPANY

No garden is quite complete without a few lilies. In the hardy border, in perennial beds, in almost any setting they are superb

VICK'S HARDY SHRUBS



SPIREA
VAN HOUTTEI

HARDY FLOWERING SHRUBS are essential for use in beautifying home surroundings and do very much to increase the value of property thus improved, because their beauty increases year after year and require very little care and cultivation. For foundation plantings, for massing in front of walls and fences, for use in connection with the Hardy Perennial garden and for single specimens on the lawn, they are unsurpassed. For mass planting it is always best to use groups of more than one of a single variety with the taller growing kinds at the back.

Care should be taken in the arrangement of shrubbery to get the best effects. We are always glad to make suggestions as to the placing and planting of different kinds of shrubbery and Perennials if you will send us a rough sketch of your grounds indicating location of buildings, sidewalks, driveways, &c. At prices quoted here, we send hardy shrubs by parcel post or express prepaid to all points east of the Mississippi river, except as noted.

ALTHEA

Rose of Sharon. Beautiful, erect-growing shrubs, of the easiest culture, bearing large showy flowers in early fall. Very desirable because it flowers when few other shrubs are in bloom. Grows three feet high. Double Red, Double White and Double Pink. Each, 75 cents; dozen, \$7.00.

BERBERIS—BARBERRY

Japanese. A handsome low-growing form of the Barberry, of Japanese origin. Foliage abundant, leaves small, obovate; flowers reddish; berries bright crimson. In autumn the leaves turn a bright red, making a fine display. A beautiful plant for the lawn or the front of the shrubbery, or for a low-growing ornamental hedge. Each, 75 cents; dozen, \$7.00, postpaid. Special prices on larger quantities for hedges and large plantings.

CALIFORNIA PRIVET

The best known plant for hedges. It is very hardy, grows rapidly, and produces very abundant foliage. Can be trimmed frequently to conform to the individual idea of beauty and symmetry.

Plants, 12 to 18 inches, 85 cents for 10; \$6.00 per hundred.
" 18 to 24 " \$1.00 for 10; \$7.50 per hundred.
" 24 to 36 " \$1.25 for 10; \$9.00 per hundred.

By Express or Freight, collect.
Special prices on larger quantities.

CALYCANTHUS or Sweet-Scented Shrub

Very desirable on account of the peculiar and very pleasing fragrance of its wood. The foliage is handsome and the flowers are of a rare chocolate color, with an agreeable perfume. It blossoms in June and at intervals throughout the summer. Attains a height of six to eight feet.

Each, 75 cents; dozen, \$7.00.

CORNUS or Dogwood

Cornus Elegantissima. One of the finest variegated shrubs; of rapid growth; the leaves are broadly margined with white while some are entirely white. Each, 75 cents; dozen, \$7.00.

Cornus Mascula. (Cornelian Cherry). A small tree, native of Europe, producing clusters of bright yellow flowers early in spring before the leaves start. Each, 75 cents; dozen, \$7.00.

FORSYTHIA (Golden Bell)

92

Forsythia Fortunei. These splendid old shrubs, growing eight to ten feet in height, light up the garden with glinting masses of yellow before the leaves appear in the early spring. Their bright golden flowers, often appearing before the snow is gone, vie with the Crocus as harbingers of spring.

Each, 75 cents; dozen, \$7.00.

Suspensa. (Weeping Golden Bell).

The long willowy branches arch very gracefully over to the ground, and are covered to the tips with trumpet-shaped yellow flowers in early spring.

Each, 75 cents; dozen, \$7.00.

EVERBLOOMING BUTTERFLY BUSH

BUDDLEIA

The Buddleia is a magnificent new shrub that has given unbounded satisfaction wherever grown. It is perfectly hardy, thrives in all sorts of soils, grows vigorously from two to three feet high, and blooms the first season from spring planting. Add to this the extreme beauty of its flowers, which are borne in great profusion throughout the summer and continue until cut down by severe frost, and the fact that it also makes a splendid pot plant, and you have the explanation of its rapid growth in popularity since its recent introduction.

The flowers of the Buddleia are extremely beautiful. They are of a soft shade of lilac in color and are borne in dense cylindrical spikes, which, under liberal cultivation, are from twelve to fifteen inches in length and three inches in diameter. They have a very pleasing fragrance.

In the spring the old plants should be cut back to the ground and they will throw up a fresh, strong growth.

Extra large field grown plants, each, 75 cents; dozen, \$7.00.



EVERBLOOMING BUTTERFLY BUSH

The Butterfly Bush with its charmingly graceful spikes of bloom should have a prominent place in the border or on the lawn

SPIREA PRUNIFOLIA OR BRIDAL WREATH

Slender, Drooping Limbs, Entirely Covered with Double White Flowers

**SPIREA****MEADOW SWEET**

The Spireas are the best known and most popular of all the flowering shrubs. The different varieties cover a long season of bloom and produce blossoms of many different colors. We give a list of the best varieties in many colors. **Strong Plants, 75c; dozen, \$7.00.**

Arguta. Flowers clear white and freely produced. The best very early-flowering white Spirea grown.

Anthony Waterer. Very low growing, and bearing flat heads of deep rose blossoms all through the late part of the summer.

Bumaldi. The ever-blooming Spirea. Dwarf and compact in habit; leaves are bright green, with variegations of yellow; flowers deep pink. Blooms throughout the Summer and Autumn. Very desirable shrub.

Aurea. (Golden Spirea). One of the best of our yellow leaved shrubs. Golden yellow during the whole Summer.

Callosa alba. Dwarf White Spirea. A valuable, white flowering, dwarf shrub, one to three and one-half feet high, of bushy, symmetrical form, which flowers all summer.

Prunifolia or Bridal Wreath. One of the best and most admired of the early flowering varieties. This beautiful shrub, which comes from Japan, is very hardy and of medium size, attaining a height of from four to five feet. In May, its slender, drooping limbs are entirely covered with exquisite pure white double flowers, resembling daisies, which remain in bloom for weeks. The blooming Prunifolia presents an attractive spectacle worthy of a place in any garden.

Van Houttei. This is one of the finest and most satisfactory of all Spireas and a leader among shrubs. Planted singly or in groups on the lawn, in front of the porch, in shrub borders or in a hedge, it makes a beautiful ornament at all seasons. It is very hardy and of compact habit, forming a round and graceful bush with arching branches. Van Houttei Spirea is well covered with neat, green foliage, which in early summer is completely hidden beneath clusters of beautiful large pure white flowers. Our illustration on the preceding page gives a splendid idea of its effective use in the shrub border.

Thunbergii. (Thunberg's Spirea). April and May. Low-growing, rounded form, delicate, drooping, yellowish green, lanceolate leaves, which take on and retain the most beautiful tints in Autumn. Small abundant white flowers in May. For planting in front of porches it has no rival.

Spirea Van Houttei is the most widely planted and popular of all the Spireas. See picture on page 92 of this book. Our stock of Spireas of all kinds this season was never better, fine sturdy plants sure to give abundant satisfaction.

DEUTZIA

Each, 75 cents; dozen, \$7.00.

The Deutzia is a native of Japan. It is a hardy shrub of fine habit, luxuriant foliage, and a profusion of attractive flowers which bloom from June to September. Our plants of this beautiful and popular flowering shrub are strong and well rooted.

Crenata latifolia. New. Large panicles of eighteen to twenty single blossoms. The flowers are pure white with a center of golden yellow. Very attractive. Strong plants.

Crenata Magnifica. New. A great acquisition. The pure white double flowers are over an inch in diameter. The plant is vigorous and the flowers are borne in large trusses. Strong plants.

Lemoinei. Flowers single, pure white, and entirely covering the branches. Strong plants.

Pride of Rochester. One of the finest varieties, producing large, double white flowers; the backs of the petals being slightly tinted with rose. Blooms early in June. Strong plants.

Candida. Profuse-flowering; generally hardy, and well adapted to ordinary soils. Double pure white flowers, borne in panicles. Strong plants.

HYDRANGEAS—Hills of Snow

Arborescens. This magnificent American Hydrangea is the most beautiful hardy flowering shrub introduced in many years. It attains a height of five to six feet, and about the same breadth. It is of far more graceful habit than Hydrangea Paniculata Grandiflora. The form of the panicle is much like that of Hydrangea Hortensis. Trusses large and beautifully formed; the blooms are of the very largest size, pure snow white; the foliage is finely finished. Fine, strong, well-grown plants. Each, \$1.00; doz. \$10.00.

Paniculata Grandiflora. One of the finest hardy shrubs in cultivation. The flower trusses are immense heads from nine to twelve inches in length and nearly as broad. Color purest white, afterwards changing to deep pink as the season advances. It blooms in July, at a time when few other shrubs are in flower and remains beautiful until destroyed by frost. Hardy as a lilac bush. The plants we offer will all bloom the first season.

Each, \$1.00; dozen, \$10.00.

Parcels Post or Express prepaid on all shrubs at these prices.

**DEUTZIA
PRIDE OF ROCHESTER****HYDRANGEA PANICULATA GRANDIFLORA**

Immense Cone-Shaped Heads of White Flowers. Turning Late in the Season, to Shades of Pink and Red.

LILACS

Lilacs have always been popular on account of their hardiness, vigorous growth, abundant foliage and graceful and luxuriant sweet-scented flower panicles. The large flowered Red, White and Purple, are among the most desirable tall growing shrubs, attaining a height of eight to ten feet. The named varieties grow somewhat smaller.

At Highland Park in Rochester, which has one of the most complete collections of lilacs anywhere in the country, the varieties we list here stand out preeminently as the most desirable, because of their hardiness, vigor, free-blooming qualities and beautiful shades.

Large flowered, red. Purple-red flowers, standard variety. \$1.00 each.

Large flowered, purple. Bluish-purple flowers, standard variety; always good. \$1.00 each.

Large flowered, white. Cream white flowers; very fine. \$1.00 each

Pres. Grevy. The most popular blue variety. A profuse bloomer; flowers double, blue and very fragrant. \$1.00 each.

Charles X. Large shining leaves; trusses large, rather loose, flowers single, reddish-purple. \$1.00 each.

Ludwig Spaeth. Planted very extensively in all parts of the country. Trusses large, flowers single purplish red. Very desirable. \$1.00 each.

Frau Dammann. One of the most popular and a leading variety. Large panicles of single white flowers, in great profusion. \$1.00 each.

Josikaea (Josika's or Hungarian Lilac). Dark, shining leaves, and purple flowers in June, after the other Lilacs have done flowering. \$1.00 each.

At the above prices lilacs are sent by Express or Freight collect.

SAMBUCUS or Elder

Aurea. (Golden Elder.) A large, golden-leaved bush. Thrives best in sunny places. One of the best of yellow shrubs. Each, 75 cents; dozen, \$7.00

SNOWBALL

One of the most handsome of our hardy flowering shrubs. The globular clusters or balls of snow-white flowers on a background of rich, dark green, crinkled foliage makes a wonderfully beautiful sight in any sitting. These balls of white, 4 to 5 inches in diameter, fairly cover the bush which often attains a height of 8 to 10 feet.

Viburnum plicatum. Japan Snowball. The pure white flowers are very lasting, and the beautiful foliage adds greatly to its attractiveness

Each, \$1.00; dozen, \$10.00.

Viburnum Opulus sterilis. The well-known Snowball. Produces large clusters of snow-white flowers in May. Each, 75 cents; dozen, \$7.00.

Otego, N. Y. October 19, 1922

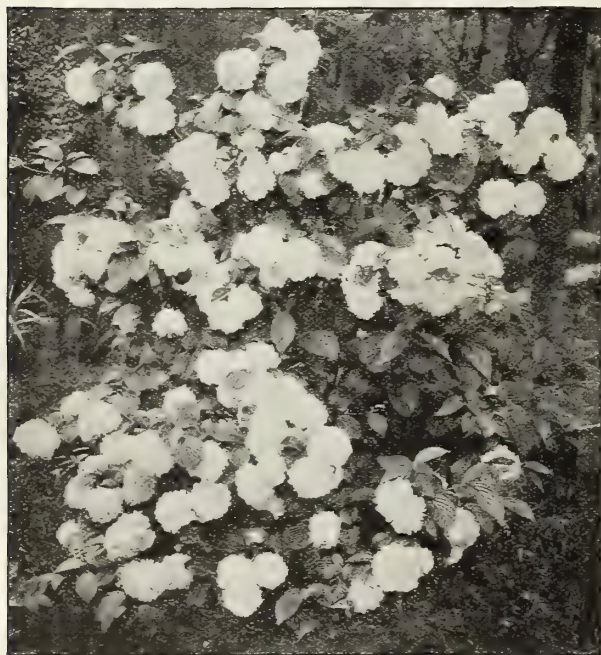
The Snowball and Spirea Bushes came in fine order. They are looking well.

Mrs. S. J. Birdsall

Charleston, S. C., Sept. 19, 1922

All the plants you sent me are beautiful and grew beautifully

Miss E. B. F.



JAPAN SNOWBALL



THE POPULAR AND WELL KNOWN LILAC

SYRINGA (Mock Orange)

A graceful, very attractive shrub, bearing profusely white, showy, very fragrant flowers. It is well adapted for massing or for individual specimen plants. It thrives on any well-drained soil and even under trees. Pruning should be done immediately after flowering.

Syringa, Common. Large white flowers. Very hardy.

Each, 75 cents; dozen, \$7.00.

Syringa, Golden. Large, deep yellow leaves; white flowers; bush hardy.

Each, \$1.00; dozen, \$10.00.

TAMARIX

Hardy shrub, with very graceful and handsome feathery foliage. The plant flowers so freely that in the early summer it is one mass of pink bloom, completely hiding the foliage. Each, 75 cents; dozen, \$7.00.

WEIGELA

The Weigela is a strong growing shrub, erect while young, gradually spreading and drooping into most graceful shapes with age. Its flowers, large and trumpet-shaped, are borne in clusters thickly along the branches. Blooms soon after Lilac.

Candida. This is the very best of all the white flowering Weigelas. A strong, upright, erect grower, flowers pure white, and produced in great profusion. Commences to bloom in June and continues through the entire season.

Each, 75 cents; dozen, \$7.00.

Eva Rathke. A charming new variety; flowers a beautiful, distinct, clear shade of crimson. Blooms twice during the season.

Each, \$1.00; dozen, \$10.00.

Rosea. A hardy and beautiful shrub, bearing in May a profusion of rose-colored flowers. Each, 75 cents; dozen, \$7.00.

Variegated. Leaves variegated, green, yellow and pink. Flowers delicate rose and pink. A charming shrub. Each, 75 cents; dozen, \$7.00

At prices named we prepay parcel-post or express charges on shrubs to all points East of the Mississippi River, except as noted.

R. F. D. No. 5, Plymouth, Mich., May 22, 1922

Everything came through in good shape, and I am pleased. I thank you very much.

Yours very truly,

Mrs. Dora E. Maten

We shall be pleased to make special quotations on large quantities of shrubs and plants for extensive plantings.

Visitors are always welcome at our Plant and Bulb Farms. There is always something in bloom from Spring to Fall

AMPELOPSIS

Veitchii. Japanese or Boston Ivy. This hardy variety clings firmly to the side of a house or wall, and will soon form a perfect mass of foliage. The leaves overlap with wonderful regularity. In autumn this handsome climber manifests its greatest beauty, becoming a glowing mass of the brightest shades of crimson, scarlet and orange.

Strong vines, each, 75 cents; dozen, \$7.00.

Quinquefolia, American Ivy or Virginia Creeper. A native climber of vigorous growth; a fine green in summer changing to rich crimson in fall. It affords shade quickly; desirable for covering walls, verandas or trunks of trees.

Strong vines, each, 75 cents; dozen, \$7.00

AKEBIA QUINATA

A hardy, strong growing, Japanese climbing plant, with curious purplish flowers, ornamental berries and handsome compound leaves, composed of five leaflets. An interesting plant. Each, 75 cents; doz., \$7.00.

ENGLISH IVY

Extensively used for window boxes and vases in the summer. For outdoor display in window boxes at hotels and private residences its value is widely recognized. A good climbing plant for the house.

Each, 50 cents; doz., \$5.00.

HONEYSUCKLE

Hall's Japan. A vigorous rapid growing nearly evergreen climber, native of Japan. Leaves are dark green and produce a dense covering. Flowers are white changing to yellow, deliciously fragrant, borne in great profusion in summer and sometimes in Autumn.

Each, 75 cents.

CINNAMON VINE

A very rapid climber of incomparable beauty, with flowers of exquisite perfume. The growth is very rapid and the vines cover a large space in a short time. It is grown from a tuber, is perfectly hardy and will live out of doors without protection. The vine dies to the ground each fall, and starts growth early in the spring.

Tubers, Each, 25 cts.; dozen, \$2.50.

DUTCHMAN'S PIPE

Aristolochia Siph. A very handsome rapid-growing hardy climber attaining a height of 30 feet or more. The picture below clearly shows the large attractive overlapping foliage. Each, \$1.00



WISTARIA

WISTARIA Chinese Purple

Wistaria is a strong, rapid grower, desirable for trellises, porches, etc. When well established it blooms profusely. The light purple flowers are very showy, and are produced in long racemes. A large plant in bloom is a beautiful sight. Perfectly hardy.

Strong Roots, each, 75 cents; dozen, \$7.00.

TRUMPET VINE

Tecoma radicans. A fine, hardy, climbing plant, producing clusters of large, trumpet-shaped, orange-scarlet flowers about three inches long. The foliage also is very beautiful. If the tops are kept cut back it makes a beautiful bush for the lawn.

Each, 75 cents.

CLEMATIS

Clematis is a favorite climbing plant for trellises, porches, and fences. It makes a rapid growth, producing its showy flowers in great profusion. Its abundant foliage and wealth of bloom combine usefulness with beauty.

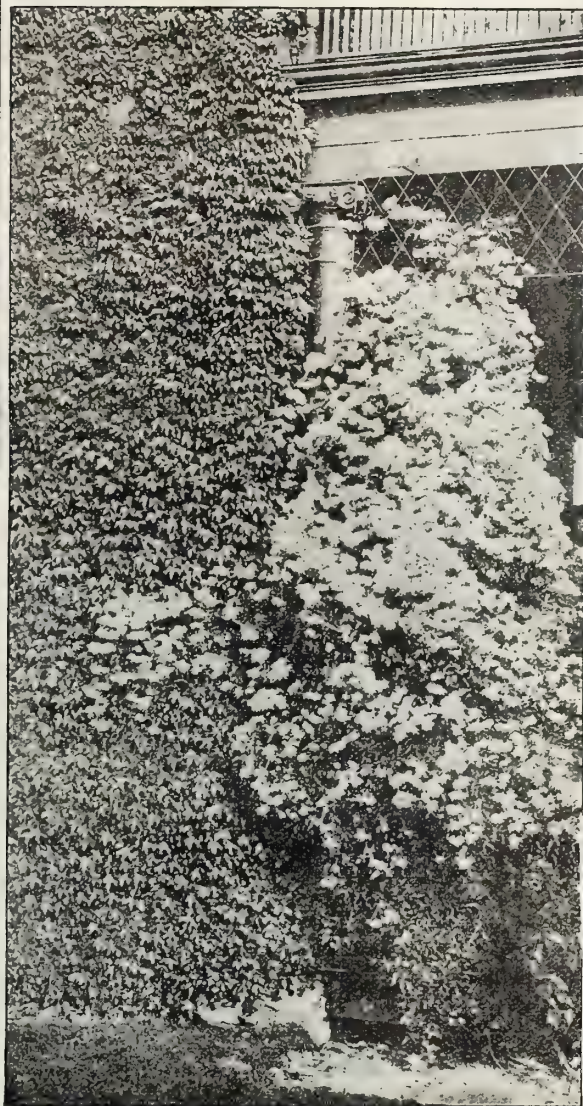
Henryii. Single; the finest white Clematis; very large, fine flowers; grows rapidly; blooms freely during summer and autumn. Each, \$1.00; dozen, \$10.00.

Jackmani. Flowers large, intense violet-purple; produced in great profusion, blossoms from four to six inches in diameter. The most beautiful hardy climber in cultivation. Each, \$1.00; dozen, \$10.00.

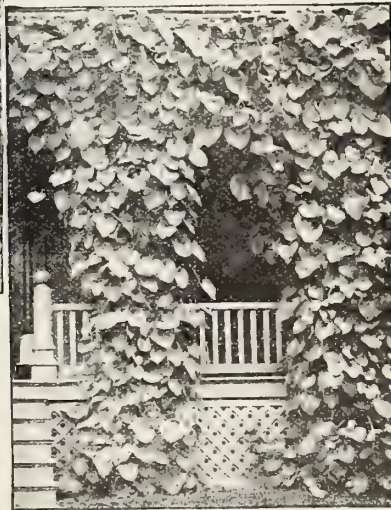
Madame Edouard Andre. A valuable variety; distinct color; of fine bright crimson, with no purplish shade about it. Large flowers, borne so profusely that it is called Crimson Jackmani. Each, \$1.00; dozen, \$10.00.

Paniculata. A remarkably beautiful climbing plant. Flowers pure white, star-shaped, about one inch in diameter, borne very freely in large clusters; will last several days as cut flowers, retaining their freshness and fragrance. The plant is a strong, quick grower. One of the most desirable and useful of climbing plants. Each, 1.00; dozen, \$10.00.

The illustrations above show four of the hardiest and best climbing vines. Shade your porches with one or more of them



BOSTON IVY AND CLEMATIS PANICULATA



DUTCHMAN'S PIPE

VICK'S HARDY

ROSES



Hardy Hybrid Perpetuals

Strong Field-Grown Plants, each, \$1.00; dozen, \$10.00.

By parcel post or Express prepaid.

- Anna De Diesbach.** (Glory of Paris) Lovely shell pink; long pointed buds. Vigorous grower and free bloomer.
- Captain Christy.** Soft, delicate, rosy white deeper in the center. Very free flowering.
- Frau Karl Druschki.** (White American Beauty or Snow Queen.) Snow white flowers, extremely large and beautifully formed. Very hardy, vigorous and prolific bloomer. Very popular.
- Ulrich Brunner.** (Hardy American Beauty) Brilliant, cherry red, flowers of immense size and globular form. Strong and disease resisting.
- Soleil d'Or, or Sun of Gold.** Magnificent golden orange, shaded nasturtium red. Very large and full; free blooming. Extremely hardy.
- Paul Neyron.** A rose of immense size. One of the largest in existence. Deep rose in color. It has very attractive foliage. Very vigorous and hardy.
- Gen. Jacqueminot.** Rich crimson-scarlet, very bright and velvety. It produces beautiful buds that are much admired, and in great demand.
- Mrs. John Laing.** Delicate pink; large, fine form; very fragrant. Flowers continuously the entire season in the open ground.

April 13, 1922 Bronx, N. Y.

Gentlemen:- Received your rose in fine condition. Looks very promising. If ever I have to order anything again, it will surely come from Vick's.
Mr. Albert Shapiro

Pot Plants for House Culture

Hardy Everblooming Roses

One year green plants, with foliage, ready to bud. Hardy enough to do well in the garden if set out after cold weather.

Each, 35 cents; doz., \$3.50

- Gruss an Teplitz.** Color rich scarlet; very fragrant.
- Maman Cochet.** Rich pink, changing to silvery rose.
- Mons. R. Arnand.** Deep pink, beautifully tinted; finely formed.
- Ophelia.** Salmon-flesh, shaded with rose.
- Sunburst.** Orange copper or golden yellow strong grower.
- White Cochet.** Beautiful snowy white.
- White Killarney.** Soft, pure white; very popular.

Large dividends of flowery delight may be obtained from a small investment in Vick's Hardy Everblooming Roses

Tender Everblooming Tea Roses

One year green plants ready to bud. These roses are tender and must be grown indoors except in warm climates, where they may be planted and will do well out-of-doors.

Each, 35 cents doz., \$3.50

- Lady Hillingdon.** Golden yellow; long, pointed buds.
- Madame Camille.** Rosy flesh color; very large
- Madison.** Creamy white, large flowers.
- Mrs. Ben. R. Cant.** Clear, bright rose-red; all season.
- Perle des Jardins.** Deep yellow; very popular.
- Sunrise.** Orange and copper, scarlet and yellow; very beautiful.

Of the many hundreds of varieties of roses, we have selected the following as being preeminently the best short list that can be secured in their various colors. Every one of the varieties we here show has distinctive and conspicuous merit. We cannot recommend too highly the Hybrid Tea Roses which are shown here. This type probably surpasses all others in the rich and varied colors that can be secured. Nearly all of these varieties are now hardy enough for most localities. A garden of Hybrid Teas is a vision of beauty from May until late Autumn. You will find that the list below includes the choicest of the newer roses.

The Hybrid Perpetuals, sometimes called the June Roses, are also not to be overlooked, because of their extreme hardiness, perfect form, fragrance and general excellence.

Hybrid Tea Roses

Strong field-grown Plants, each \$1.00; dozen, \$10.00. Postpaid.

- Chateau de Clos Vougeot.** A beautiful rose of dazzling rich scarlet, shaded fiery red deepening to a velvety crimson as the flower expands. Blooms continuously.
- Constance.** A golden yellow, globular shaped flower; very free flowering; the long orange yellow buds are of perfect form somewhat streaked with crimson.
- Edith Part.** A unique blend of rich red suffused with a deep salmon and coppery yellow; the bud more deeply shaded is carmine and yellow; very sweet scented.
- Francis Scott Key.** A rose of even glowing red color; flowers unusually large, full and double; buds long and pointed.
- Hoosier Beauty.** A glowing crimson scarlet with delicate shadings; rich velvety texture; deliciously fragrant; plant is of strong vigorous growth; one of the best roses of its color.
- Ophelia.** Words can give one only a faint idea of the superb beauty of the Rose; color is a delicate shade of salmon-pink shaded with rose; buds are unusually attractive which open full and double; blooms profusely all summer.
- White Killarney.** A beautiful white rose of the same type and shape as the famous Pink Killarney; the long full buds are handsome and the open flower is most refined and beautiful in form and texture.
- Los Angeles.** Without question one of the finest roses ever introduced; the color is luminous flame pink toned with coral and shaded with translucent gold at base of petals; the buds are handsome, long and pointed; richly fragrant.
- Irish Fireflame.** A wonderfully beautiful single flowering variety of satiny old gold shaded with ochre; buds are a wonderful rich deep orange splashed with crimson.
- Lady Hillingdon.** Deep apricot yellow, unique in having solid color without any shading. The color never fades even after the flowers are cut but invariably deepens. The foliage is unusually handsome.
- Columbia.** Peach-blow pink, deepening to a glowing rose pink. Flowers of good size and form on long stiff stems nearly thornless. Exquisitely fragrant.
- Gruss an Teplitz.** Color a rich scarlet, shading to velvety crimson; very fragrant; a free, strong grower, and the most profuse bloomer known to us, being covered with flowers the whole season. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color.

Vick's Hardy Climbing Roses

Hardy Climbing Roses can be used to such great advantage in so many ways that they are always very popular. They may be trained over porches, trellises, arbors or fences, or be grown as individual plants, and they soon form beautiful bushes more ornamental than many shrubs. They may be trimmed to any shape or height desired.

Dorothy Perkins. In foliage, growth, and habit of blooming it is remarkably like the Crimson Rambler, but the flowers are more double and of a beautiful shell-pink color, and hold a long time without fading. The flowers are also sweetly scented, a characteristic not possessed by most Roses of the Rambler family.

Strong, two-year plants, each, \$1.00; dozen, \$9.00.

Red Dorothy Perkins. This is a recent introduction and the acclaim with which it has been received assures it a foremost place among the Hardy Climbing Roses. The flowers are large and double and are produced very freely. The color, which is an intense, clear crimson-maroon with tips of petals tinged scarlet, remains bright and unfaded throughout the blooming period.

Strong, two-year plants, each \$1.00; dozen, \$9.00.

White Dorothy Perkins. This addition to this famous family will be welcomed by all flower lovers. Similar in habit to the others of its class but with pure white flowers.

Strong two-year plants, each \$1.00; dozen, \$9.00

The Philadelphia Rambler. A cross between the popular Crimson Rambler and the fiery crimson Hybrid Perpetual Victor Hugo, and identical with the Crimson Rambler except that the color is brighter crimson, and never fades; a valuable acquisition to the climbing roses.

Strong, two-year plants, each, \$1.00; dozen, \$9.00.

Lady Gay, Rose of the highest merit. Resembles Crimson Rambler in habit and general effect. The flowers are of a delicate cherry pink color, fading to soft white, of good size and delicately perfumed.

Strong, two-year plants, each, \$1.00; dozen, \$9.00.

Climbing American Beauty. This is known as the best hardy climbing rose in the large-flowering class. The flower is as large, as beautiful, and as double as the American Beauty, which is so well known as one of the most attractive roses, that it does not need a description.

Strong, two-year plants, each \$1.00; dozen, \$9.00.

Tausendschon—Thousand Beauties. Tausendschon well deserves its name, "The Rose of a Thousand Beauties." Its free flowering qualities and beautiful white and delicate pink blossoms make it a favorite. It is grown in large quantities for winter forcing. The flowers are borne in large clusters from June to August. Each flower measures about one and a half inches in diameter, and is of a beautiful soft rose color, changing to rosy-carmine; The strong, vigorous hardy plants and attractive foliage are highly resistant to disease and insects.

Strong, two-year plants, each, \$1.00; dozen, \$9.00.

The Rambler Roses

Strong, two-year plants, each, \$1.00; dozen, \$8.00.

Crimson Rambler. The Old Favorite Rambler Rose. Bright crimson flowers in great clusters.

White Rambler. Another favorite growing like Crimson Rambler, with white flowers in great clusters.

Pink Rambler. Beautiful pink clusters of flowers in great profusion.

Yellow Rambler. Deep golden-yellow flowers in large clusters, covering the entire bush.

The Above Rambler Collection—One Plant of Each Color—
The Four Plants \$3.50.

Dwarf Rambler Roses

Crimson Baby Rambler. A Dwarf Rose that blooms from early June to December. This beautiful rose produces clusters of flowers as large as the old Crimson Rambler. The color is a charming brilliant red, and it blooms with great profusion. As a pot rose it has few equals, as it blooms continuously.

Strong, two-year field grown plants, each 75 cents; dozen, \$8.00.

White Baby Rambler. This rose is a little beauty, with pure white double flowers. A constant bloomer, and as grand a bedder as the Crimson Baby Rambler.

Baby Dorothy. Clear pink. A dwarf form of the climbing rose, Dorothy Perkins, which it resembles in foliage and color of flower. The flowers are produced in large clusters.

Baby Tausendschon. Dwarf form of the climber of the same name. Truly a "Rose of a Thousand Beauties." A mass of lovely pink and white blossoms all summer.

Vick's Moss Roses

The peculiarities of the Moss Roses are the delicate prickles which crowd their stems, and the beautiful mossy covering of their opening buds. They are strong, vigorous growers, and are perfectly hardy.

Each, \$1.00; dozen, \$9.00.

Henri Martin. A magnificent Moss Rose. Extra large and perfectly double. Color a deep rosy carmine, shaded a bright crimson.

Madam de la Rochlambert. Bright pink.

Princess Adelaide. Pale rose; good in bud and flower; foliage dark.

White Bath. Pure white. Best of the white Moss Roses.

CAROLINE MARNIESSE

A Hardy Rose. Unequalled for Cemetery Planting

The flowers are creamy white, medium size, very double and sweetly tea-scented. There is not a week from late in May till the middle or latter part of October that large quantities of blossoms cannot be picked from these plants. Growth low and somewhat spreading, making it especially valuable for the borders of beds and for massing. Each, \$1.00; dozen, \$9.00.

A few suggestions for growing Roses

All hardy roses should be dormant when shipped. If they have been delayed in transit and appear very dry upon arrival, do not soak them in water, but bury them, roots, branches and all, in damp soil for several days. Then plant carefully after having removed all broken and bruised roots with a sharp knife. Make the holes large enough to take all roots, spread carefully out. Set the bushes with the crowns or collars, where the branches start, two or three inches below the surface of the soil. Pack the fine earth solidly around the roots, adding a liberal quantity of water when the holes are partly filled. The surface soil should be left loose or covered with a mulch of straw or leaves to prevent the ground baking. Trim the branches back to within 8 or 10 inches of the ground. Hybrid Perpetuals should be cut back more severely, usually to the second or third bud.



Too much cannot be said in favor of the Climbing American Beauty. It is giving complete satisfaction wherever planted

Vick's Dahlias

The splendid qualities and gorgeous beauty of the present-day Dahlia are so well-known that it hardly seems necessary for us to emphasize them here. No plants are easier to grow, respond more readily to care, flower more freely, and few show such a wide range of color. A great deal of work has been done on Dahlias in the past few years, and there are many new and improved varieties on the market. Our list has been completely revised to take in all of the best of the new sorts, retaining, of course, all of the old standbys.

The Dahlia should be planted about May first, in a moderately rich soil, covering the tubers 3 inches deep. Thin to one or two shoots, and when the plant is 6 inches high, cut it off above the second joint to make it bush out. Give plenty of water and sunshine. Stir only the surface soil.

CACTUS DAHLIAS

The Cactus Dahlias have large, loosely-formed, Chrysanthemum-like flowers. The long, narrow petals are variously rolled or twisted. The flowers, many of which nod on long, slender stems, are the most graceful and artistic of all the Dahlias.

Countess of Lonsdale. Rich salmon, tinted apricot. One of the easiest of all the Cactus Dahlias to grow, and produces more blooms than any other Cactus Dahlia grown on our farm. **Each, 35 cents; dozen, \$3.50.**

Genoveva. One of the finest and most free flowering primrose yellows, excellent for cutting. **Each, 35 cents; dozen \$3.50.**

General Buller. Good long wiry stems, color deep crimson maroon tipped white; very free flowering. **Each, 25 cents; dozen \$2.50.**

Lawine. Very large, full flowers on long wiry stems, fine for cutting; white with just a suggestion of blush as the flower matures. **Each 35 cents; dozen \$3.50.**

Brunhilde. The finest royal purple, excellent for cutting.

Each 25 cents; dozen \$2.50.

J. H. Jackson. One of the largest and finest Cactus Dahlias. In color, a perfectly gorgeous, deep velvety-black maroon. **Each, 30 cents; dozen, \$3.00.**

Stern. Bright primrose-yellow. Very attractive. **Each, 30 cents; dozen, \$3.00.**

Kriemhilde. "Queen of the Cactus Dahlias." An exquisite combination of ivory-white and pink. A fine variety for cutting with good keeping qualities. Produces an abundance of mammoth flowers frequently five inches or more in diameter. **Each, 30 cents; dozen, \$3.00.**



JACK ROSE
DECORATIVE
DAHLIA

DECORATIVE DAHLIAS

Decorative Dahlias are intermediate between Cactus and Show. The massive flowers are not so globular as those of the Show, and the petals are broad and somewhat flattened.

Dolly or Sylvia. White, edged pink. Very attractive. A great favorite with florists. **Each, 25 cents; doz. \$2.50.**

Jack Rose. Rich glowing crimson, like the favorite old Rose, General Jacqueminot. Blooms early and profusely. The standard red dahlia. **Each, 25 cts.; doz., \$2.50.**

Mina Burgle. One of the finest of the new introductions of gigantic and remarkable beauty. Color, brilliant ruby red. **Each, 35 cents; dozen, \$3.50.**

Souvenir de Gustav Dozon. Largest Dahlia in existence. A pleasing shade of orange red. Flowers are very full and often measure 9 to 12 inches in diameter. **Each, 35 cents; dozen, \$3.50.**

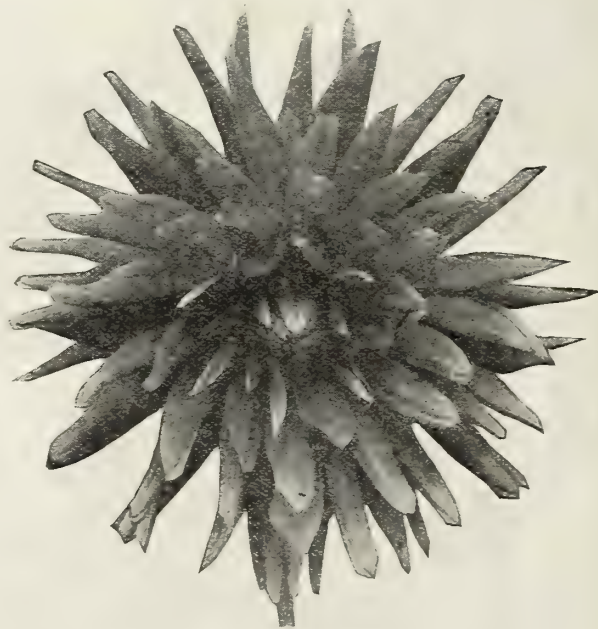
Golden West. Very large pure yellow, good long stems for cutting, ends of petals split. **Each, 50 cents; dozen \$5.00.**

Delice. Large flower with long stems, very fine for cutting, color clear bright rose-pink. **Each 35 cents; dozen \$3.50.**

Minnie McCullough. Probably the most popular of all the Autumn tints, nothing finer; rich soft canary yellow shaded and tipped with crimson scarlet very fine in bouquets with autumn foliage; long, strong stems, free flowering. **Each 25 cents; dozen \$2.50.**

Lynthurst. The best long stemmed, medium sized bright scarlet for cut flowers. **Each 25 cents; dozen \$2.50.**

Emily. A fine variety for cut flowers, color white edged with lively rosy-lavender. **Each 35 cents; dozen \$3.50.**



CACTUS DAHLIA—COUNTESS OF LONSDALE

PEONY-FLOWERED DAHLIAS

This type is growing greatly in popularity. Flowers are semi-double, having broad, flat, loosely arranged petals, surrounding a golden-yellow center. Petals are usually pointed and twisted, giving them a fluffy graceful appearance.

William Reid Butler. Undoubtedly the greatest bloomer in the Peony-flowered class; very large, fluffy white; stems extremely long; when in full bloom the flowers completely hide the foliage. **Each 50 cents; dozen \$5.00.**

Marie Studholm. One of the very largest of the Peony type; long stems; color lavender-pink shaded rose. **Each 50 cents; dozen \$5.00.**

Oregon Beauty. Peony-Decorative type; mammoth flower of glowing orange scarlet; long stem fine for cutting. **Each 35 cents; dozen \$3.50.**

Jack Rose is a handsome Decorative Dahlia of a rich crimson color and is a general favorite wherever planted

King of Autumn. Peony-Decorative type; very large, long stems; color light burnt-orange shaded rose; one of the best. **Each \$1.00.**

Satisfaction. (New) One of the largest Peony type and a very prolific bloomer; long stiff stems; clear clean yellow. **Each 50 cents; dozen \$5.00.**

Virginia Chambers. (New) The long wiry upright stems hold the big blooms well above the foliage; very free flowering; color deep ruby crimson shaded maroon. **Each 35 cents; dozen \$3.50.**

POMPON DAHLIAS

These flowers are ideal for bouquets, being small and very double. The plants, which grow but three feet high, are very bushy and free flowering.

Amber Queen. Rich, clear amber, shaded apricot. Extra free flowering. One of the very best and most satisfactory Pompons. Each, 25 cents; doz., \$2.50.
Darkness. Very dark velvety-maroon, one of the best of its class. Ea. 25c.; doz. \$2.50.
Fairy Queen. Sulphur-yellow, edged pink, exceedingly free blooming. Ea. 25; doz. \$2.50
Sunbeam. Beautiful Crimson-Scarlet, should be in every collection. Ea. 30c; doz. \$3.00.
Snow Clad. Small. White. Free flowering, the best white pompon. Ea., 35; doz., \$3.50.
Pride. A new deep crimson-scarlet of perfect shape and habit. Ea., 35 cts.; doz. \$3.50
San Toy. White, heavily tipped with carmine. Each, 25 cts.; dozen, \$2.50.

SHOW DAHLIAS

The old-fashioned double Dahlia. Ball-shaped flowers; the petals quilled or tubular. As a class they are more formal than the Cactus or Decorative. They still retain their old-time popularity on account of their long, stiff stems and their lasting qualities as cut flowers.

Arabella. Early; free flowering; long stems; light sulphur-yellow, shaded peach blossom at edges; a fine flower. Each, 25 cts.; dozen, \$2.50.

James Vick. Rich purple-crimson. One of the best. Each, 25 cts.; dozen, \$2.50.

Stradella. Deep wine-rose. Very free-flowering. Long stems. Each, 25c; doz. \$2.50
Vivian. A new favorite with wonderful flowers of white, edged rose-violet. Is greatly admired by all who have seen it. Each, 25 cts.; dozen, \$2.50.

White Swan. Pure white. A great favorite. One of the best bloomers in this class.

Each, 30 cts.; dozen, \$3.00.

Ethel Vick. (A. D. Livoni). A very reliable old standard variety, grown by almost every Dahlia lover; free flowering and desirable for cutting. Flowers are well formed, perfectly round and ball-shaped, each petal being very tightly quilled and arranged in exact regularity; of a beautiful soft pink. Each, 25 cts.; dozen, \$2.50.

Yellow Duke. Very large canary yellow on long, stiff stems; tightly quilled petals.

Each 25 cents; dozen \$2.50.

Maud Adams. The best cut flower Show Dahlia yet produced; wonderful bloomer; white tipped bright pink. Each 50 cents; dozen \$5.00.

Norma. A robust grower; rich orange salmon, perfect form, extra fine.

Each 30 cents; dozen \$3.00.

VICK'S EXHIBITION MIXTURE DAHLIAS

A wonderful mixture containing a splendid array of all the leading types and colors: Cactus, Pompon, Decorative, Show, Colarette and Peony-Flowered. As fine an assortment as we have ever seen. Each, 20 cts.; dozen, \$2.00; 100, \$12.00.

Vick's Gladiolus

Without question, Gladioli are the most popular summer blooming bulbs. Easily grown, adaptable to almost all soil conditions, if not too wet, their long keeping graceful flower spikes, abundantly produced, are unsurpassed in beauty and usefulness either in beds or borders or for cut flowers. So universally popular are Gladioli with all flower lovers that Gladioli displays, are important features of every summer flower show, fair and horticultural exhibit.

America. The most popular Gladiolus in cultivation. Splendid large, broadly-opened flowers of a beautiful clear flesh pink color, with petals well rounded. The plants are vigorous growers, not subject to disease, and make extra good bulbs. Each, 12 cents; dozen, 90 cents

Attraction. Very large flowers of a beautiful soft color, between rose and scarlet. The large throat is pure white. Each, 15 cts.; dozen, \$1.25.

Augusta. Fine white, faintly tinged with lavender. Flowers freely and has a long season, producing many side branches. Ea., 12 cts.; doz., 90 c.

Baron Hulot. Dark, velvety, violet-blue. Best of the blues. Ea. 20c; dz. \$1.50

Chicago White. Well-known and very popular white, lavender markings in throat. Each, 12 cents; dozen, \$1.00.

Empress of India. Rich velvety dark red with deeper shadings.

Each, 15 cents; dozen, \$1.25.

Halley. A delightfully pretty delicate rose, with white blotch. A very popular extra early variety. Each, 12 cents; dozen, \$1.00.

Ida Van. Beautiful deep salmon-red or flaming orange-pink. Very rich color. Each, 15 cents; dozen, \$1.25.

Independence. A brilliant rose pink, with richly marked throat, a long strong spike of wax-like flowers. One of the best. Ea. 12 cts.; doz., \$1.00.

Glory. Flowers Beautifully Ruffled. A new type of Gladiolus and one of the most valuable introductions of recent years. Each petal is distinctly ruffled at the edge. The immense flowers are a beautiful cream pink color. Each, 20 cents; dozen, \$1.50.

Loveliness. Creamy white flowers, on large broad spikes. Ea. 20c; dz. \$1.50.

Mrs. Watt. An unusual shade of clear American Beauty color, of velvety texture. Each, 15 cents; dozen, \$1.25.

Madam Monneret. Soft pure pink; slightly tinted carmine in the throat.

Each, 12 cents; dozen, 90 cents

Mrs. Francis King. Extremely vigorous, with long spike of large bright scarlet flowers. Each, 12 cents; dozen, 90 cents.

Niagara. Immense flowers of soft primrose yellow; slightly tinged, rose pink in throat. Each, 20 cents; dozen for \$1.50.

Mrs. Frank Pendleton. Very large salmon-pink with carmine blotched throat; very choice. Each 15 cents; dozen \$1.25

Pink Perfection. Delicate apple blossom pink of perfect form.

Each, 25 cents; dozen, \$2.00.

Panama. Seedling of America which it resembles closely except that it is a deeper shade of pink and is larger. Each 15 cents; dozen \$1.25.

The splendid and beautifully colored flowers of Vick's America make it the most popular Gladiolus in cultivation



GLADIOLUS—AMERICA

Prince of Wales. A most charming coral pink, similar to Halley, but more delicate tint. One of the best of the recent introductions. Very early. Each, 20 cents; dozen, \$1.50.

Peace. The flowers are extra large, of perfect form, on a heavy, straight spike. Color a pure white, with pale lilac featherings on the interior petals. A charming flower, either singly or for massing. The bulb is large and the plant is a remarkably strong grower. Each, 15 cents; dozen, \$1.25.

Primulinus. A rare, extra early species. The flowers are small, of a primrose yellow color, and borne on tall, slender stems. Blooms the whole season. Each, 12 cents; dozen \$1.00

Princeline. Immense, broadly opened flowers of clear, brilliant scarlet.

Each, 20 cents; dozen \$1.50

War. Deep blood red, shaded crimson. One of the largest and finest of the red Gladioli. Each, 20 cents; dozen, \$1.50.

Willy Wigman. Creamy white, with scarlet blotch. Ea. 12c.; doz. \$1.00.

Schwaben. Largest and finest yellow Gladiolus yet produced. A soft sulphur yellow, with dark blotch in center. A very vigorous grower.

Each, 15 cents; dozen, \$1.25.

"1900." Rich, deep scarlet with large white blotch. Hardy and free flowering. Each, 15 cents; dozen, \$1.25.

GLADIOLUS MIXTURES

Vick's Named Exhibition Mixture. This is a mixture of over 150 named varieties to which we are adding every year. It comprises every class, and will furnish a profusion of bloom from July till frost.

Six, 35 cents; dozen, 65 cents; hundred, \$4.25; charges prepaid.

Choice Mixed. All colors in fine assortment. Six, 30 cents; dozen, 50 cents; hundred, \$3.50; charges prepaid.

VICK'S HYBRID GLADIOLI

We are very proud of these hybrids. They contain many wonderfully striking shades and types. They are far superior to the ordinary mixtures and are just the thing for those who do not care for the higher priced named sorts and still want something really extra fine.

Light and White Hybrids. Beautiful collection of light and dainty shades. Six, 40 cents; dozen, 75 cents; hundred, \$4.50.

Red Hybrids. All shades of red, scarlet and crimson. Six, 40 cents; dozen, 75 cents; hundred, \$4.50.

Mixed Hybrids. All shades in grand mixture. Six, 40 cents; dozen, 75 cents; hundred, \$4.50.

COLLECTIONS OF GLADIOLUS

In order to give our customers an opportunity to make their own collections of standard varieties at moderate cost, they may select:

Your choice	Priced at	For	Your choice	Priced at	For
Any 3	12 cents	30 cents	Any 3	15 cents	35 cents
" 6	12 "	55 "	" 6	15 "	75 "



100

HARDY POMPON CHRYSANTHEMUMS

Vick's Chrysanthemums

Hardy Pompon Chrysanthemums

These are the very best of all Chrysanthemums for planting out of doors, and they are growing in popularity each year. Are perfectly hardy, and the flowers, which are not injured by the early frosts, give a fine show of bloom in late Autumn. While the flowers of the Hardy Chrysanthemums do not attain the great size of the Large-Flowering varieties, the sprays of bloom are extremely graceful and beautiful and are very valuable as cut flowers. They may frequently be seen in gardens about Rochester in full bloom as late as the middle of November.

They can easily be transplanted to pots, and thus brought inside to furnish beautiful double flowers during the late fall.

Each, 30 cents; dozen, \$3.00.

Allentown. Bronze yellow.
Alma. Beautiful pink.
Anna Mary. Creamy white, tipped pink.
Astarte. Bright golden amber.
Baby. Golden yellow.
Baby Margaret. Pure white.
Bohemia. Pure yellow.
Diana. Large pure white flower. One of the best.
Edna. White, with pink shadings and yellow center; good size and nice form.
Gold Standard. Golden yellow.
Hero. Dark pink.
Iva. Pure amber.
James Boon. Pure white.
Julia Lagravere. Crimson-maroon.
Lilla. Tall, deep attractive red.
Lulu. Pure snowy white.
Lyndhurst. Beautiful red.
Marianna. Large, pure white.
Miss Julia. Very double, bronze yellow.
Orea. Light pink.
Panama. Bronze.
Queen of the Whites. One of the finest whites.
Western Beauty. Rose pink.

Quinola. Large flowers, golden yellow; strong growing plants.
Rufus. Dark red.
Skibo. Golden chamois.
Walter Bly. White, tinted rose.
Zenobia. Bright, clear yellow.

Large-Flowering Chrysanthemums

The glorious blooms of the Large-Flowering Chrysanthemums are easily the largest and most showy flowers of late autumn and early winter. In a warm fall the Large Flowering Chrysanthemums bloom well into October and November in the open ground. But a good way is to cultivate the plants in the garden, with plenty of room in good, rich soil, until the first of September, when they may be safely transferred to pots. Give a thorough watering and set in a shady place for a few days, after which they may be exposed to the full light in a room of moderate temperature.

Each, 30 cents; dozen, \$3.00.

Alice Bryon. A magnificent snow-white variety.
Christmas Cheer. Beautiful pink. Early. Flower incurved. Handsome.
Chrysolora. Fine golden yellow; large flower; extra fine early yellow.
Comoleta. Bright yellow. Fine for pot culture.
Cullingfordi. Rich crimson scarlet. One of the very best.
Golden Glow. The earliest of all. Fine golden-yellow with velvety finish.
Ivory. Dwarf. Free flowering, snow white, incurved, very large, perfect form.
Major Bonnaffon. Soft yellow, incurved type; flowers large and full.

Major Weaver. Large pink.
Maud Dean. Extra large flowers, petals broad, incurved; color light rose.

Mrs. William Duckham. Beautiful golden yellow.

Mrs. Jerome Jones. Waxy white; good stem and perfect foliage.

Pacific Supreme. A beautiful shade of pink. Very early.

Pink Ivory. Beautiful shell-pink. A sport from White Ivory.

Pink Jones. The color is beautiful; each petal is white overlaid with purplish crimson, giving the whole flower the appearance of being pink in color.

Red Duckham. Very large flower. Color purplish crimson.

Unaka. Beautiful shade of lavender pink; very early; one of the best pink Chrysanthemums.

White Coombes. Pure white of largest size.

White Bonnaffon. Pure white. Popular incurved type.



LARGE-FLOWERING—MAJOR BONNAFFON

VICK'S COLLECTION of HARDY POMPON VARIETIES

Six Fine Plants for \$1.50

Allentown. Bronze yellow
Diana. Pure white
Edna. White, pink shading
Hero. Pink
Lyndhurst. Red
Miss Julia. Bronze

VICK'S COLLECTION of LARGE-FLOWERING CHRYSANTHEMUMS

Six Fine Plants for \$1.50

Cullingfordi. Crimson-scarlet
Ivory. White
Mrs. Wm. Duckham. Yellow
Pacific Supreme. Pink
Red Duckham. Red
Unaka. Lavender

In late Autumn the bright colors of Hardy Chrysanthemums shine out as reminders of the glory of the summer garden

House and Bedding Plants

The moment you enter a room containing a beautiful Fern or a blooming Plant you are conscious of the brightness and good cheer radiated by it. The influence of these beautiful silent companions from The Floral Kingdom is always for good; they cheer the sick, beautify the home and carry a hint of Summer's brightness through Winter's gloom.

In the spring they are ready to fill your window and porch boxes with a mass of color and transform your yard to a thing of beauty.

You will find your favorite plants listed in the pages that follow.

ABUTILON or Flowering Maple (For seeds see page 75)

Hard-wooded greenhouse shrubs, resembling a miniature maple-tree blooming almost the entire year; well adapted for house culture. Flowers bell-shaped and drooping.

Each, 25 cents; dozen, \$2.50.

Eclipse. A trailing variety, whose leaves are beautifully marked deep green and yellow; flowers are bright yellow, with crimson throat.

Golden Fleece. A splendid large pure yellow. **Snow Storm.** Pure white.

Savitzii. The leaves are green with a heavy white border.

Souvenir de Bonn. Leaves deep green with white borders.

ANTHERICUM

Each, 25 cents; doz \$2.50.

Vittatum variegatum. An elegant house plant, with dark green leaves bordered with pure white. Long spikes of star-shaped flowers. Fine for hanging baskets.

Picturatum. Center of the leaf white, bordered with green.

ASPARAGUS (For seeds see page 78)

Sprengeri. Sometimes erroneously called Maiden Hair Fern. One of the most rapid-growing plants of which we know making great masses of fine feathery foliage in a very short time. The stems grow several feet in length, and are valuable for use in cut-flower work. Fine for hanging baskets or large pots. As a house plant it has no superior, as it withstands the indoor temperature well. Each, 25 cts.; doz., \$2.50.

Plumosus nanus, or Lace Fern. Beautiful on account of its light feathery growth, which very much resembles lace. The graceful dark green foliage surpasses the Sprengeri in delicacy of texture. Splendid as a pot plant and for decorative purposes.

Each, 25 cents; dozen, \$2.50.

ACHANIA MALVAVISCUS

This remarkable plant is a native of Southwestern Texas and Mexico. As a house plant it is very satisfactory because it blooms continuously. In house culture in pots it usually grows about two feet high, but when planted in the garden it will make a strong, vigorous growth from three to four feet in height, often throwing out a large number of branches, and the entire plant almost continuously covered with bright scarlet flowers. These, if cut, will remain in perfect condition a long time. Each, 25 cents; dozen, \$2.50.

AUCUBA JAPONICA (Gold Dust Plant)

A very attractive plant with shining, toothed, pale-green leaves, beautifully spotted with yellow. Thrives well in smoky, dusty atmosphere better than most other plants. Each, 35 cents; dozen, \$3.50.

REX BEGONIAS

The Rex varieties of Begonia are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry. Each, 30 cents; dozen, \$3.00.

Countess Louise Erdody. The wonderful Cork-screw Begonia.

Bertha McGregor. Cut-leaf, center of leaf red, outside silver and red. Very fine.

Lesudsii. One of the finest of the Rex family; the leaves are a velvet green. Center edged with a silver band, outer edge bright green.

Modesty. Leaves silvery white, edged with green.

President Carnot. Silvery white.

Rubrum. The entire leaf has a pinkish metallic lustre, which makes it one of the most attractive varieties. The plant is a vigorous grower.

Surprise. Leaf deep bronze and silvery rose.

Van der Hyde. Mottled green and white.

BEGONIA SEMPERFLORENS. Wax Begonias

This class may truly be called perpetual flowering Begonias, as they bloom continuously. They are always in bloom, and are very fine either for house plants or bedding. Three colors, pink, white and scarlet.

Each, 30 cents; dozen, \$3.00.

CALCEOLARIA (For seeds see page 78)

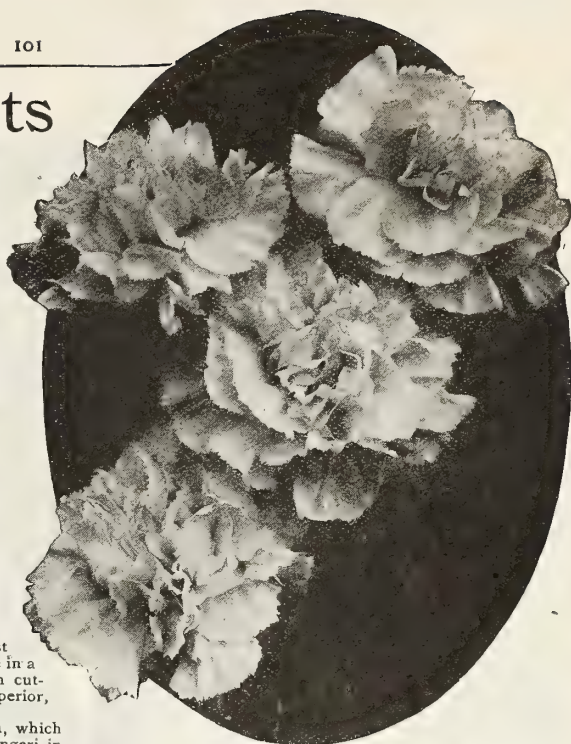
Creole Queen. Flowers brown maroon. Very fine for pot plant and bedding. Easy to grow. Each, 15 cents; dozen, \$1.50.

CAREX

Japonica variegata. Japanese grass. Very useful and ornamental for the house, thriving well in a living room.

Each, 25 cents; dozen, \$2.50.

We have one entire greenhouse of Rex and Wax Begonias from which we can ship thousands of plants at once



CARNATION—ROSE PINK ENCHANTRESS

CARNATIONS (See also page 62)

The delicately rich and pleasant fragrance combined with the beautiful colors and perfect outline of the Carnation, secures for it a prominent place in all collections of plants, either for the house or garden. It is one of the sweetest of flowers and yields an abundance of bloom all summer. The plants may be potted in September and October, watered and shaded a few days, and they will bloom all winter, in a cool sunny window. Our list embraces the best of the standard varieties.

Each, 25 cents; five for \$1.00. The set of twelve for \$2.00.

Beacon. Beautiful shade of scarlet. Flowers very large. Stems long.

Enchantress. Delicate shade of shell-pink, deepening towards the center; very large flower.

Enchantress Supreme. Color clear shell pink. Flower large. A grand new variety.

Harlowarden. Large flower of bright crimson, with scarlet shadings.

Lady Bountiful. Pure glistening white.

Mrs. Thomas W. Lawson. Immense size, from three to four inches in diameter, with long, strong stems. Bright cerise-pink, lighting up beautifully under artificial light.

Red Jacket. A strong, robust grower; color brilliant scarlet.

Rose Pink Enchantress. Color rose pink; large flower.

Variegated Lawson. White, beautifully striped with cerise pink.

White Enchantress. Large pure white. Very free flowering.

White Wonder. One of the largest white Carnations and a strong grower.

Winsor. Silvery pink. One of the best carnations.

COLEUS (For seeds see page 78)

Each, 25 cents; dozen, \$2.50.

Crimson Velvet. Leaves rich crimson.

Duneira. Soft seal-brown, bordered pink. An exceptionally showy variety.

Firebrand. Maroon, flamed and shaded with brilliant fiery red.

John Good. Yellow and green, fine bedder.

Snowcloud. Yellow and green. Changing to white in the summer months.

Sensation. Velvety black maroon, with lance-shaped center of pure magenta.

Very brilliant.

Verschaefelti. Rich, velvety crimson. The best of all for bedding.

DRACAENA (For seeds see page 78)

Indivisa. Used extensively as a center plant for vases, baskets, etc. The numerous grass-like leaves are very long and rigid, contrasting nicely with other plants. Largely used and very effective for cemetery planting. Easily grown. Each, 35 cents; dozen, \$3.50. Extra large plants, each 50 cts.

FEVERFEW

Little Gem. Very dwarf; attains a height of from 8 to 10 inches; flowers of fine form, and pure white. Each, 25 cents; dozen, \$2.50.

Lansing, Mich., October 11 1922

I received the Geraniums, Carnations & Begonias I ordered in very good condition. Maurice Walter

Vick's Cannas

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. Plant 18 inches apart each way.

The Best of the Standard Varieties

Dry bulbs. Each, 20 cents; dozen, \$2.00.
Pot plants, ready about May 30. Each, 25 cents; dozen, \$2.50.

- Alphonse** Bouvier. Brilliant crimson, but changes to a beautiful deep crimson as they more fully expand. Six feet high. Foliage green.
- Alsace.** Pale sulphur changing to creamy white. A valuable variety. Four and one-half feet high. Foliage green.
- Beaute Poitevine.** Bright crimson, with erect flower spikes. Three and one-half feet high. Foliage green.
- Brandywine.** Brilliant red; foliage bronze. Four feet high.
- Charles Henderson.** Brilliant crimson flowers. Four feet high. Foliage green.
- Cinnabar.** Cinnabar red, distinctly marked with golden yellow. Four and one-half feet

high. Foliage bronze.

David Harum. Bright deep satiny vermilion. Foliage bronze. Three and one-half feet high.

Egandale. Soft currant-red flowers. Foliage bronze. Four feet high.

Evolution. The flowers are golden yellow, which shades in through various tints of canary, lemon, and sulphur to a center of blush pink. Foliage bronze.

Fairfield. Rich dark crimson flowers; foliage green.

Florence Vaughan. Flowers of the most brilliant golden-yellow, dotted with brightest scarlet. Four and one-half feet high. Foliage light green.

Jean Tissot. Brilliant vermilion, with bright orange markings. Foliage green. Five feet high.

J. D. Cabos. Height four feet. Flower attractive light orange. Foliage bronze.

Millie Berat. The nearest approach to a pink in a first-class bedder. Four feet high. Foliage green.

Semaphore. Novel color. The flowers are of a pure orange. Foliage bronze.

Souvenir d'Antoine Crozy. Crimson scarlet, broad yellow border. Four feet high. Green foliage.

GREVILLEA or Silk Oak

Grevillea robusta. A beautiful plant for decorative purposes of quick growth and very easy culture. The leaves are very light bronze color, the tips being covered with a soft down resembling raw silk, from which it derives the name of "Silk Oak." For the house it is unsurpassed.

Each, 25 cents; dozen, \$2.50.

HELIOTROPE

Prized for its fragrance. It is a favorite with everyone. Heliotropes require a sunny location, as they do not do well when grown in the shade. Very desirable for house culture, a single plant filling a whole room with perfume.

Lady Cook. Dark violet.

Madame de Blonay. Pure white.

Each, 25 cents; dozen, \$2.50.

HYDRANGEA

Otaksa. The immense heads of pale pink flowers, make the Hydrangea extremely effective as a decorative plant. In the North it is grown as a pot plant. Give partial shade and plenty of water. Put in the cellar in the fall. Each, 35 cents; dozen, \$3.50.

LANTANAS

Are in bloom constantly, and are very fine for bedding, baskets, or box plants.

Each, 25 cents; dozen, \$2.50.

Amiel. Bright shade of orange-red, with golden center.

Jacques Minot. Yellow, changing to orange red.

Marcella. Lilac rose, changing to yellow.

New Weeping. Rose pink, habit drooping.

Snow Queen. Large white flowers.

Snowball. White, yellow center.

LEMON

Ponderosa. Large-fruited true Lemon. Flowers as fragrant as the Orange blossom and large fruit of good quality. Bears flowers and fruit at the same time. Vigorous grower and makes a splendid house plant.

Thrifty young plants, each, 35 cents; dozen, \$3.50.

LEMON VERBENA

Foliage delightfully fragrant. Easily grown.

Each, 25 cents; dozen, \$2.50.

Special Canna Offer

We will furnish 19 plants—enough for a round bed 7 feet in diameter—in three varieties, our selection, for \$3.50, postpaid.

Madame Crozy. Flowers crimson-scarlet and gold-bordered. Three and one-half feet high. Foliage green.

Pennsylvania. The flowers are pure deep scarlet, of immense size. Six feet high. Foliage green.

President Meyer. The flowers are a rich cherry carmine; foliage bronze. Four feet high.

President Faivre. Flowers amaranth-red; foliage bronze. A strong, erect grower, especially suitable for massing and for center of beds. Six feet high.

Queen Charlotte. The center of the petal is a brilliant crimson-scarlet, shaded with crimson and bordered with a wide belt of gold. Three feet high. Foliage green.

Robusta. A very fine, tall-growing, dark-leaved variety; eight to ten feet. Dark green leaves.

Rubin. Ruby carmine. Foliage bronze.

Secrétaire Chabanne. A distinct and pleasing shade of almond. Three feet high. Foliage green.

Orchid-Flowered Cannas

Dry Bulbs. Each, 25 cents; dozen, \$2.50.

Pot Plants. Each, 30 cents; dozen, \$3.00, ready about May 30.

Alemannia. Gigantic yellow flowers beautifully mottled with orange-scarlet. Four and one-half feet high. Green foliage.

Burbank. Rich canary-yellow flowers, spreading seven inches; rich green leaves; four and one-half feet high.

Italia. Immense flower. Center brilliant red, petals widely bordered with clear yellow. Six feet high.

King Humbert. Massive foliage of finest bronze, with dark midrib. Its flowers measure six inches in diameter and are produced in great trusses. Brilliant orange-scarlet, with bright red markings. Height about four feet.

Yellow King Humbert. Yellow variety of this very popular Canna, with handsome dark green foliage and large beautifully-marked yellow flowers.

Parthenope. Flowers are extra large and of good substance. Color dark orange, shaded with yellow; showy and distinct; four feet. Foliage dark green.

One each of the above six varieties \$1.25.

VICK'S FUCHSIAS

No plants are more graceful and elegant than the Fuchsias. Their contrasting colors—white, carmine, rose and purple—make them very attractive. The plants bloom so profusely that they require an abundant water supply. Therefore, plants should be watered thoroughly and often. While the plants are not adverse to moderate light, they should be protected from the strong rays of the sun, which would absorb too much of their moisture and cause buds and blossoms to fall. Too hot and dry, gaseous air has the same injurious effect.

Each, 30 cents; dozen, \$3.00.

Avalanche. Corolla violet, sepals crimson.

Bouquet. Flowers of beautiful form; sepals a clear coral color; corolla blue.

Jeanne Summary. Tube and sepals bright crimson scarlet, corolla white.

Jupiter. Tube and sepals scarlet; corolla rich royal purple. Extra large size.

Little Beauty. Tube and sepals bright red; corolla rich purple.

Mary. The drooping flowers, over two inches long, are a brilliant crimson-scarlet, and stand out prominently against the dark green foliage.

Rosaina Patrie. Tube and sepals carmine. Corolla white.

Storm King. Dwarf grower. Tube and sepals red. Corolla white.

Victor Hugo. Flowers large, very double; sepals bright crimson; the center or corolla violet purple, marbled with red. A unique and beautiful flower.

For brilliancy of colors nothing surpasses the newer Cannas in formal beds or in rows against a background of green

VICK'S FERNS

Ferns are indispensable in almost any scheme of plant decorations for house, window or conservatory. Either alone or scattered among other plants and flowers they work wonders in giving the house interior a refreshing, cheerful appearance.

The six varieties first named are especially adapted to use in fern dishes. The six are sufficient for a dish eight inches in diameter.

Each, 25 cents; dozen, \$2.50.

Adiantum cuneatum. The popular Maiden Hair Fern.

Aspidium Tussimense. A pretty species with dark green foliage.

Cyrtomium falcatum. The "Holly Fern." Large, dark green glossy leaves.

Pteris Cretica albo-lineata. A pretty and useful variegated variety; leaves green and white.

Pteris Wimsetti. Fine for fern pans and house culture; finely crested.

Pteris Wilsoni. Leaves round and crested. Splendid for house culture.

Varieties of the Boston Fern Class

This class contains the most popular and by far the most satisfactory of all house ferns. The hardiness, ease of culture, and handsome fresh appearance of all varieties of Boston Ferns make them especially desirable for house decoration.

Each, 35 cents; four for \$1.25; dozen, \$3.50.

Boston Fern. One of the most satisfactory of decorative plants for house culture. The handsome green fronds attain a length of four to five feet, and droop so gracefully on every side that it is often called the Fountain Plant. It always has a fresh, healthy appearance, and is very attractive.

Roosevelt. The divisions of the wide drooping fronds are beautifully undulated and the fronds are more graceful than those of the Boston Fern. Strong, rapid grower. A new variety and one of the finest.

Scotti, or Dwarf Boston Fern. A very dwarf and compact form of the Boston Fern. The fronds are short and narrow, of a graceful curving form. Plants of small size make nice specimens in a short time.

Teddy, Jr. Fronds beautifully undulated like those of the Roosevelt, but the plants are very dwarf and compact. A beautiful fern.

Whitmani. The plumy appearance of its foliage makes the Whitmani unquestionably the most striking among all the varieties of the Boston Fern. The plant is quite dwarf, and the leaves very wide. An excellent fern.

LeSage, W. Va. Sept. 28, 1922

The Roses and Geraniums I ordered from you are the nicest I ever received. They are growing fine.

Mrs. A. E. Gihhardt

PELARGONIUM

or

Lady Washington Geranium

The New Everblooming Pelargonium, Easter Greeting



The flowers of Easter Greeting have the large size and the gorgeously rich coloring of the "Lady Washington Geranium." To this is added, in Easter Greeting, the habit of continuous blooming, which has made the ordinary bedding geranium so highly valued. Easter Greeting is the first of a new race and one of the most valuable introductions in recent years. As an Easter plant it rivals the Azalea; but unlike the Azalea, Easter Greeting will remain in full bloom all summer.

Each, 35 cents;
Dozen, \$3.50.

PELARGONIUM, EASTER GREETING

Our Easter Greeting Pelargonium is the best variety we have ever grown for house culture. It blooms continuously



TEDDY, JR. FERN

Vick's Geraniums

No plants probably can be put to a larger variety of uses than geraniums. They add brightness and cheer to the house all winter.

Then in the spring they may be set out doors; they may be used to advantage in window boxes, and are very effective for bedding or for borders in the garden. The assortment we give below has been carefully selected for the most superior qualities and best variety of colors.

Each, 30 cents; three for 80 cents; dozen, \$3.00.

DOUBLE

Alphonse Ricard. Bright orange-red. Trusses very large.
Beaute Poitevine. Bright salmon-pink, delicately shading to white.
Comtesse de Harcourt. Pure snow-white; enormous trusses that stand sun well.
Heteranthe. Bright scarlet. A popular striking shade.
Jean Viaud. Flowers semi-double, brilliant rose, beautiful white spots.
La Pilot. Very dark scarlet. Should be in every collection.
E. Anatole Roseleur. Deep rose pink. A distinctive, attractive color.
Madame de Comtesse de Baume. A charming bright pink.
Madame Jaulin. Center of flowers delicate pink, bordered with pure white.
Madame Recamier. Snow white. Especially desirable for bedding.
Madame Audrey. Clear salmon, center shading to copper, with white eye.
Madame Buchner. Double; snow white. A strong grower.
S. A. Nutt. Double. Brilliant deep blood-red, with maroon shadings.
Rather tall; vigorous grower. Truss large. One of the finest bloomers.
Toronto. Bright salmon. Flowers and truss of large size. A grand bedder.

SINGLE

A. Carre. Crimson scarlet.
Jules Lematrie. Light pink.
Marguerite de Layre. A fine, strong, free grower; pure white flowers.
Mrs. E. G. Hill. Bright salmon with light shading at center.
General Grant. Popular old sort.
Jumbo. Very fine scarlet.

TRI-COLOR

Mrs. Pollock. Leaves variegated; flowers scarlet.

SWEET-SCENTED

Dr. Livingstone. Leaves finely divided, very fragrant.
Rose. This is one of the most desirable of the scented varieties.

BRONZE

The leaves of the Bronze Geraniums show the most beautiful shades of yellow or brownish red; the foliage being as handsome as the flowers.
Black Douglas. Flowers salmon. Foliage golden yellow; red zone.
Exquisite. Leaf light yellow ground, chocolate zone. Flowers salmon.

Albion, Ind., R. No. 3, Sept. 23 1922

I wish to tell you that I was very much pleased with my Easter Greeting Geranium.

Mrs. E. Keister

Dear Sirs: Attleboro, Mass. April 28 1922

My Pelargonium Easter Greeting arrived in excellent condition and is in bloom now. And oblige,

Herman Sweet

Dear Sirs: Ellicottville, N. Y. May 4, 1922

The Geranium plants came this morning in fine condition.

Miss E. J. Shankland

Vick's Salvias

Salvias are exceedingly handsome and showy plants of bush-like habit, of quick growth, attaining a height of two to four feet, according to variety. They present a solid mass of bloom from August to November. For bedding purposes they vie with Geraniums for popularity and usefulness. The brilliant scarlet of Salvias against a background of green makes a combination hard to beat. They are very popular for planting in front of porches and house walls, and can be used to good advantage for hedges and along walks and driveways. We offer healthy, well-developed plants, ready to transfer to the open ground and make quick growth. Set about a foot apart in fairly rich soil. Give plenty of water.

Vick's Scarlet Beauty. (New). The mammoth size and wonderfully brilliant scarlet color of this new Salvia has made it the most popular scarlet variety ever grown. The flowers are very large and compact, often measuring four inches in diameter, and are held erect above the dark green foliage on strong, sturdy stems. The plant of this wonderful new variety is a sturdy, strong and compact grower, attaining a height of about two and one-half feet. The foliage is dark green and very abundant. **Each, 25 cents; doz., \$2.50.**

Clara Bedman or Bonfire. A dwarf early blooming variety. The plants are almost hidden by the mass of brilliant scarlet flowers. **Each, 25 cents; dozen, \$2.50.**

Splendens. The well-known Scarlet Sage. A splendid flowering plant with plumes of dazzling scarlet flowers. **Each, 25 cents; dozen, \$2.50.**

PRIMROSE

Each, 25 cents; dozen, \$2.50.

Primula Forbesi. Baby Primrose. Needs but little care. It forms a dense rosette of fleshy leaves, from which spring the flower stems about 12 inches tall; delicate rosy-lilac flowers produced in great abundance.

Primula obconica grandiflora. Perpetual blooming, bearing large trusses of flowers on long stems, well above the foliage; color a pale lilac and pink.

Mexican Primrose. A charming plant, which in freedom of bloom excels all others. Flowers almost three inches in diameter, cup-shaped; color bright pink, with scarlet veins and large, showy white center. A plant of easy culture.

RUBBER PLANT

Ficus elastica. This is certainly one of the best plants grown for table or house decoration. It succeeds well with ordinary treatment. The glossy green leaves add a setting of beauty to any collection of flowering or foliage house plants. **Strong Plants, each, \$1.25**

UMBRELLA PALM

Cyperus alternifolius. A beautiful, easily-grown plant, that is admirably adapted to many different modes of culture. It makes a very showy plant for pot culture, is one of the best for ferneries, while for the aquarium it is without an equal. **Each, 25 cents dozen \$2.50.**

Brooklyn, Iowa, Aug. 23, 1922

I have an Otaheite orange tree, that was secured from your farms over thirty years ago. It first bloomed in 1893. It is now a beautiful little tree only 17 inches tall and has fourteen well-grown oranges on. I intend showing it at our Farmers Agricultural Exhibition in October.

Mrs. R. J. Breckenridge

CLIMBING AND TRAILING VINES

Nothing adds more to the comfort and beauty of a home during the summer months, than a screen of vines on porches and trellises. The chief beauty of porch boxes and hanging baskets usually consists in the charm and gracefulness of trailing plants and vines of various colored foliage and flowers.

TRAILING IVY

Each, 25 cents; dozen, \$2.50.

A fine, thick-growing trailing plant that is unsurpassed for use in hanging baskets and urns, where delicate green foliage is needed.

IPOMEA or Moonflower

Each, 25 cents; dozen, \$2.50.

Ipomœa Bona Nox. It is a beautiful, vigorous climber, producing large, pure white, sweet-scented flowers at night and on dull, cloudy days. To keep over winter, the plant must be cut back, the roots potted, and kept in a growing condition.

Ipomœa Leari (Blue Moonflower). Flowers six inches across, of intense violet-blue, with reddish purple rays.

One plant, each, of *Ipomœa Bona Nox* and *Leari* for 40 cents.

MANETTIA VINE

Manettia bicolor. A beautiful twining plant; flowers from one to two inches in length, of the most intense fiery scarlet, with bright yellow tip. As a pot plant to train on a trellis it is unrivaled. In the open ground it succeeds admirably. **Each, 25 cents; two for 40 cents.**

A bed of Elizabeth Dunbar and Vick's Scarlet Beauty Salvias will produce a wonderful effect of exquisite beauty

JASMINE

Jasminum grandiflorum. A favorite greenhouse climber or house-plant and one of the sweetest of flowers. Foliage fine; white, star-shaped fragrant flowers from November to May. Easy of culture. **Each, 25 cts.; doz. \$2.50.**

OTHONNA

Crassifolia. A neat drooping plant for hanging baskets. Yellow flowers. **Each, 25 cents; dozen, \$2.50.**

PASSIFLORA or Passion Vine

A class of rapid growing climbing plants well adapted for house culture in winter or for training over porches, etc., during summer. The flowers are about four inches in diameter, with pear-shaped petals.

Constance Elliot. Flowers pure white. **Each, 25 cents; dozen, \$2.50.**

PILOGYNE SUAVIS

A splendid climber for screens and verandas; also fine for hanging baskets. **Each, 25 cents; dozen, \$2.50.**

SMILAX

A well-known and popular climber. Foliage of a dark glossy green, used largely with cut flowers, wreaths, etc. Excellent for parlor or window culture. **Tender. Each, 25 cents; dozen, \$2.50.**

VINCA

Major variegata. A beautiful trailing plant, admirably adapted for hanging baskets and vases. The leaves are glossy-green, broadly margined a creamy white; flowers blue, and most popular of all trailing house plants.

Large Plants, each, 25 cents; doz., \$2.50.



A ROW OF HYACINTHUS CANDICANS ON OUR GREENHOUSE FARM

HYACINTHUS

Candicans, Summer Hyacinth. A beautiful stately plant, with stems three to four feet high. It has large, pure white pendant, funnel-shaped flowers, in long racemes. Very fragrant. In the North the bulbs should be dug in the fall, and stored in a cool dry place.

Each, 15 cents; dozen, \$1.50.

ISMENE, or Peruvian Daffodil

Giant Ismene. Ismene is one of the finest flowers of the stately Amaryllis family. The heavy bulbs send up stems two feet in height, on which are borne numerous large, pure white flowers. The flowers have a rich and striking appearance and are exceedingly fragrant. The Giant Ismene is easily grown and its beautiful and stately flowers are sure to give satisfaction. After it flowers in summer, the bulbs may be ripened and potted for winter blooming inside.

Each, 25 cents; dozen, \$2.50.

MADEIRA VINE

A charming climber for porches. The thick, dark green foliage forms a fine screen, and the white flowers are very fragrant.

Strong bulbs, each, 10 cents; dozen, \$1.00.

SWAINSONIA ALBA

A fine graceful plant, very useful for hanging baskets and porch boxes. Covered with beautiful sprays of large pure white, waxy, sweet pea-like flowers.

Each, 25 cents; dozen, \$2.50.

OXALIS

Free-blooming bulbs, fine for pots, vases, or for edging walks and beds. Plant three inches apart. Two colors, Rosy Crimson and Rosy Lilac.

Dozen, 25 cents; hundred, \$1.00.

AMARYLLIS PEATREE

Summer Flowering Narcissus. A new interesting hardy plant originally from California. It is dwarf with ornamental, dark green red-like foliage, creamy-white, star-shaped flowers two inches across, borne on slender wiry stems. The petals are of a thin delicate texture giving it a unique transparent look.

Each, 20 cents, dozen, \$2.00.

CALADIUM

Esculentum — Elephant's Ear.

One of the stateliest of the ornamental-leaved plants producing a splendid subtropical effect. Leaves frequently grow three feet in length and nearly as broad. Bulbs started in earth in early spring and transplanted to open ground, when danger of frost is over, will produce plants three to five feet high in a short time.

Medium-sized bulbs, each, 25 cts.; doz., \$2.50.

Large-sized bulbs, each, 35 cts.; doz., \$3.50.

Mammoth-sized bulbs, each, 50 cts.; doz., \$5.00.

ELEPHANT'S EAR OR CALADIUM WITH COBBLESTONES IN FOREGROUND

Varieties listed here can be planted several seasons; yielding two or more dividends of delight from a small cash investment

AMARYLLIS

The Amaryllis produces showy flowers that are handsome and very attractive, resembling Lilies. The bulbs should be potted in a rich, sandy loam, with good drainage. They require abundant moisture when growing, but at their season of rest water should be given sparingly.

Fragrans. Flowers three to four inches long; yellow; fragrant; stalks 15 to 18 inches high. Each, 25 cents; dozen, \$2.50.

Regine, Equestre. One of the best of the Amaryllis family for winter-blooming. Flowers large, bell-shaped; color light scarlet, throat or center white. Each, 25 cents; dozen, \$2.50.

Johnsoni. An elegant pot plant, with crimson flowers five inches in diameter, each petal striped with white. Flower-stalks two feet high, with clusters of three to five blooms. Each, 50 cents.

Formosissima, Jacobean Lily. Eight to ten inches high. Flowers dark crimson. The bulbs are dormant during the winter. Each, 25 cents.

CALLA

Little Gem. A dwarf variety of the old Calla, ten to twelve inches high; free bloomer. Each, 20 cents; two for 35 cents.

Spotted Calla. *Alba maculata.* Beautiful for pot culture. The foliage is marked in the same manner as that of the Yellow Calla. The bulbs must be kept in dry sand in the winter. Each, 20 cents; dozen, \$2.00.

TUBEROSE

The Tuberose is a beautiful, pure white, wax-like, very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more blossoms. Our Tuberoles are all extra sized, splendid bulbs.

Tuberose, Pearl. Each, 10 cts.; six for 40 cts.; doz., 75 cts., postpaid; hundred, \$5.00, not postpaid.



SNOW-FLAKE VIOLET

THE SNOW-FLAKE VIOLET

A beautiful, new Violet, distinguished for the unique and very interesting spots which occur on the blossoms. The blossoms are large, from a inch to a inch and a quarter in diameter, deep violet in color, delicately spotted and dotted in charming irregularity, with snow-white spots, varying in size from a pin point to one-sixteenth of an inch in diameter. The golden center of the blossom shows prominently. A cluster of these flowers with the sun shining brightly on them, fairly dazzles the eye. The plants are vigorous, growing almost anywhere. Each, 25 cts.; doz., \$2.50.



VICK'S FRUIT TREES

By Express or Freight not Prepaid. Fruit trees are too heavy for parcel post.

The satisfaction of eating handsome, sparkling fruit fresh from one's own garden cannot be measured. Only those who have had this pleasurable experience know their appetizing lusciousness. Many otherwise waste spaces in corners, along fences and terraces can be utilized to provide abundant table delicacies fit for any epicurean banquet.

APPLES

Ohio Beauty. An excellent new winter apple, large, handsome, color yellow or greenish blush striped red. Flesh slightly tinged yellow, crisp, tender, aromatic, juicy.

Ohio Beauty, largest size, XXX 5 to 7 ft., each, \$1.25.

All other varieties;	Each	Ten
Largest Size XXX 5 to 7 ft.	\$1 10	\$10 00

SUMMER APPLES

Red Astrachan. Well-known red summer apple, in great demand. **Sweet Bough.** A favorite everywhere. Everyone should own a tree of this variety.

Yellow Transparent. Earliest of all. Large, tender, juicy; big crop every year.

FALL APPLES

Duchess of Oldenburg. A fine apple; yellow skin striped with red. Crisp, tender and juicy.

Fall Pippin. Large, yellow; tender, juicy and rich.

Fameuse. (Snow Apple.) Red skin, white flesh; very tender.

Gravenstein. Tender flesh; very attractive.

Maiden's Blush. Old time favorite.

APPLE TREE BEARS FRUIT FIRST SEASON



Sept. 28, 1920.
Enclosed find photograph of the dwarf transparent apple tree, purchased of you last spring with two dandy apples on and description of same. Pretty good for so young a tree.
J. W. Bond
Shelton, Conn.

Tree set out, Shelton, Conn. by J. W. Bond (82 years of age) in Spring of 1920.

Height of tree 4 feet.

Bore 2 apples weighing ½ lb each.

Circumference of each apple 10 inches.

Yellow Transparent Apples.

Ripe Aug. 1920.

WINTER APPLES

Baldwin. Most popular variety planted.

Delicious. The great National Dessert Apple. Flesh tender; very juicy. Apple large, striped red.

Golden Russet. Very hardy Russet apple.

Rhode Island Greening. Best green apple. Fine for cooking. **Jonathan.** Large, brilliant red. Good keeper. A great apple, for the home garden.

McIntosh Red. Best red winter apple; tender, juicy, crisp.

King. Large red; fine bearer. Hardy.

Northern Spy. A great eating apple. Known the world over.

Rome Beauty. A very handsome red striped apple of good quality. A good keeper.

Talman Sweet. Best sweet. Light yellow with blush of red.

Winter Banana. An apple with a banana flavor. Fine looking.

DWARF APPLES

Fine for the Town or City Lot where there is limited space in which to grow fruit.

Extra Large Trees, \$1.10 each; ten for \$10.00.

Dwarf Trees in These Varieties: Baldwin, Crimson Beauty Northern Spy, McIntosh Red, Snow Apple, R. I. Greening Duchess, Wealthy, Winter Banana.

CRAB APPLES

	Each	Ten
XXX Grade, Largest Size	\$1 10	\$10 00
Hyslop. Dark red. Transcendent. Yellow, red cheek		

APRICOTS

\$1.50 each; ten for \$12.50.

Early Golden. Small, juicy, sweet. Tree very hardy and a good bearer. July.

Moorpark. Largest of all. A big favorite everywhere. August.

SOUR CHERRY

	Each	Ten
XXX Extra Size	\$1 50	\$12 50

Early Richmond. Dark red cherry, juicy, acid, great cooker, very productive.

Montmorency. Most popular of all cherries. Large, bright shining red, acid flavor.

SWEET CHERRY

	Each	Ten
XXX Extra Size	\$1 75	\$15 00

Black Tartarian. Large, sweet, heart-shaped. Very fine cherry. Bears immense crops. Most popular variety grown.

Napoleon. Best of yellow sweets. Heart-shaped fruit. Very large. Meat tender, juicy, fine flavor. A great canning cherry.

PEARS

	Each	Ten
XXX Extra, 5 to 7 ft.	\$1 75	\$15 00

Anjou (Autumn). Large, handsome, fine flavor, good keeper. **Bartlett.** Popular everywhere. Large, yellow pear. September.

Clapp's Favorite. (Summer) Large, early pear. Hardy and productive. August.

Duchess (Autumn). Large light green and russet. Good flavor. **Flemish Beauty (Autumn).** Beautiful, sweet pear, hardy.

Seckel (Autumn). A great home garden variety. Small fruit, juicy, melting tender. Fine for preserving and pickling.

DWARF PEARS

Dwarf Pears are popular where space is limited. Fruit is same size as on standard trees.

Prices on Dwarf Pear Trees	Each	Ten
XXX 3 to 4 ft.	\$1 75	\$15 00

We recommend the following varieties:

Dutchess	Bartlett	Anjou	Seckel
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VERY IMPORTANT NOTICE. In case of our inability to fill your order for any reason, we will either refund the amount paid or send other items of equal value, as you may direct. We exercise care to have our trees genuine and reliable, and hereby guarantee that if all or practically all, or any part of stock delivered does not prove true to name as ordered, we will replace it, free of charge, or refund the money paid for it, that being the full damages for a breach of contract. Our prices are offered subject to the conditions, that we shall not be held liable in any event for an amount in excess of the money received for the stock.

PEACHES

	Each	Ten
XXX Grade, 4 to 5 ft.	\$0 75	\$7 00
Belle of Georgia. Large; flesh white, firm. Freestone. August.		
Carman. Hardy, flesh creamy white, tinted red; Freestone. July.		
Champion. Large red. Sweet and juicy. Freestone. August.		
Chair's Choice. Large, yellow, red cheek. Freestone. October.		
Crawford Early. The home garden peach. Ripens in August.		
Crawford Late. Large, yellow, red cheek. Freestone. September.		
Elberta. Large, yellow, red cheek. Late September. Freestone.		
Fitzgerald. Hardy, large yellow. September. Freestone.		
Niagara. Larger than Elberta. Fine. Freestone. September.		
Yellow St. John. Yellow. Extra fine. Freestone. August.		

Our prices on Small Fruits, and Fruit and Ornamental Trees are based on the actual value of the plants and do not include the cost of transportation. Most shipments of Small Fruits can be forwarded cheapest by Parcel Post. If you prefer that route add an amount sufficient to pay for postage. Otherwise shipment will be made by Express collect.



CUTHBERT—
"Queen of the
Market"

Blackberries

Price—3 for \$1.00 ; 10 for \$2.25 ; 100 for \$12.00.

Blowers. The giant of all Blackberries. An upright, mammoth grower; is very hardy and productive. Fruit jet black, of fine quality; a good shipper. Commences to ripen in July and bears fruit about two months.

Eldorado. A berry you can depend upon every time. The vines are very vigorous and extra hardy. Berries are large, black, and borne in big clusters.

Rathbun. Fruit black, luscious, of the highest quality, with a high polish and sufficiently firm to carry well. Berries will measure from 1½ to 1¾ inches in length. Flesh juicy, high flavored, without any hard core, sweet and delicious. Unsurpassed for the table or canning. Hardy, having stood 15 to 18 degrees below zero without harm; vigorous, great bearer,

PLUMS

	Each	Ten
XXX Extra Size	\$1.75	\$16.00
Abundance. (Japan). Large, red, flesh light yellow. Early.		
Bradshaw. Dark violet red, oblong, flesh yellow, juicy.		
Burbank. (Japan). Large, round, red, good bearer, fine quality.		
German Prune Long oval, purple, thick bloom. Sweet.		
Lombard. Tree will grow anywhere. A red, oblong, large plum. Juicy, sweet and pleasant. Should be in every garden.		

QUINCES

	Each	Ten
XXX Extra Size	\$1.75	\$15.00
Orange. Most popular variety. Large, golden-yellow. Cooks very tender. Fine flavor.		

Shaudaken, N. Y., Aug. 23, 1922

The Strawberry plants arrived today and the are now in the ground. I want to write to you to tell you how much I appreciate the quality of the plants. They were simply perfect and there wasn't a plant which could be criticised. Thank you.

Anton O. Fischer.

Vick's Small Fruits

RED RASPBERRIES

PRICES—Three for 60 cents; 10 for \$1.25; 100 for \$7.50.

St. Regis Everbearing Raspberry

Ripe Fruit From June to November

Begins to ripen in June and continues to bear fruit until frost. Truly an everbearing Red Raspberry. Berries large, bright crimson, highest quality. Rich and sugary, with a true raspberry flavor. A fine shipper. In size, productiveness and quality St. Regis leads all other reds.

Columbian. A cross between the Cuthbert and Gregg. Hardy even in Wisconsin. A most vigorous grower; canes 10 to 16 feet in length and often over an inch in diameter. Fruit very large; color dark reddish-purple; adheres firmly to the stem; seeds small; has a distinct flavor of its own making it a most delicious table berry. For canning it is much superior to any other. Bears enormous crops.

Cuthbert. The best of all Red Raspberries for market on account of its fine shipping qualities, size, color, and richness of flavor. Very strong grower, vigorous, healthy foliage and very hardy. One of the reliable varieties; can always be depended upon to bear a good crop.

Herbert. A fairly new berry from Canada. Its chief quality is its extreme hardiness, being practically proof against diseases of all kinds. Fruit large, bright to deep red, of fine quality and flavor. A very fine market variety, especially adapted to localities where

the winters are very cold. Highly recommended by the Government Experimental Station at Ottawa.

Golden Queen. Best yellow variety. Continues a long time in bearing.

Vick's Black Raspberries

Price—3 for 60 cents; 10 for \$1.25; 100 for \$7.50.

Plum Farmer. This wonderful new Black Raspberry has been thoroughly tested and is a great favorite for home use, and one of the best commercial sorts for all sections. A vigorous grower, hardy and very productive; one of the best to withstand drought. Fruit enormously large, covered with a grayish bloom like the bloom on a grape; matures early, easily picked, ships well, sells at the highest prices.

Cumberland. A mammoth, excellent quality, mid-season black-cap that loads its stock canes with handsome, glossy berries. Extremely hardy.

Gregg. A large, showy blackcap of first quality. A strong grower, hardy and very productive.

Black Diamond. One of the best for home and market. For drying and evaporating it excels all others. The fruit, large and handsome, on account of its size, keeping qualities and productiveness, is one of the most profitable ones to grow.

Vick's Strawberry Plants

No plant better adapts itself to all conditions and to all sorts of soil, and brings as satisfactory returns for the amount of labor and money expended. The varieties we list, have been selected with special care and include the very best for both the home gardener and commercial grower.

The blossoms of strawberries are either staminate (perfect) or pistillate (imperfect). The imperfect varieties must have a row of some perfect-flowered sort flowering at the same time planted every third or fourth row to pollinize the blossoms. When properly pollinized imperfect varieties are as a rule most prolific. "Perf". after a variety indicates perfect flowered, "Imp". indicates imperfect.

JUNE BEARING VARIETIES

25 for 65 cents. 100 for \$2.00 by postpaid

By express or freight collect, 250

for \$4.00; 500 for \$7.00. 1000 for \$12.00.

Brandywine. A large, broad, heart-shaped berry—delicious. Medium red color, flesh is firm. Will thrive on most any kind of soil. Midseason. (Perf.)

Bubach. Among the leaders of old standard varieties. Fruit large and handsome, conical, bright scarlet moderately firm, rich in flavor. Succeeds on light or heavy soil. Desirable for home use and market. Season early to medium. A great berry, bringing fine prices on the market. (Imp.)

Gandy. A large, late berry, heavy yielder, strong grower. Fruit very firm, and of good quality. On the market brings fine price. Late (Perf.)

Glen Mary. A fancy market variety. Meat is rich firm, juicy and of high flavor. Big, dark red berry. Midseason. (Perf.)

Premier. A new early variety of exceptional merit, vigorous, enormously productive, commencing early and continuing to bear through a long season. Fruit is attractive rich red of delicious quality, firm enough to ship well. (Perf.)

Senator Dunlap. Very hardy and productive. Berries good size, bright glossy red, good quality. Ripens early and bears fruit for a long period. Early Midseason. (Perf.)

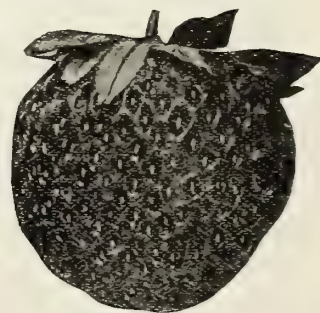
Steven's Late Champion. Large, bright red, fine flavored, late, productive berry. Well liked everywhere. (Perf.)

William Belt. Well known. High quality, juicy, sweet, large, bright crimson berry. Ripens all over, no green tips. (Perf.)

Vick's Uncle Joe. For a fancy, bright red table berry large, and of high quality, it cannot be beaten. Flesh is tender and delicious, with a rich, sub-acid wild flavor. Plants strong growing and very hardy. Early to Midseason. (Perf.)



GLEN MARY



BRANDYWINE

EVERBEARING VARIETIES

25 for \$1.00; 100, \$3.00; postpaid. By express collect, 250, \$6.00; 500, \$9.50; 1,000, \$18.00.

Progressive—Everbearing. This is the leading everbearing variety, producing good sized berries from May until November. The fruit is of fine quality, highly colored, deliciously flavored, and red to the core. (Perf.)

Superb. Considerably larger than Progressive, very hardy and a frost resister. Truly superb in quality. (Perf.)

Vick's Grape Vines

Strong 2 year old vines—all varieties, 50 cents each; 10 for \$4.00.

Campbell's Early. Strong, hardy vine; healthy, mildew-resisting foliage; bearing abundantly. Berries large, black, with light purple bloom. Flavor rich, sweet, slightly vinous. Very early.

Niagara (White). Bunch very large and handsome, berries large, round; skin thin, tough, carries well; melting sweet. Should be in every garden.

Brighton. A large, delicious, sweet, red grape; flesh sweet, tender and very juicy; vine thrifty and a strong grower. Best of all large red grapes. First of September.

Concord (Black). Bunch large, berries large, covered with a rich bloom; sufficiently firm to carry well to distant markets; flesh juicy, sweet, tender; a strong grower, very hardy, healthy and productive.

Delaware. Bunches small and compact; berries small, round, thin skinned, light red. Flesh very juicy, with an exceedingly sweet and delicious flavor. Very hardy and productive.

Worden. Said to be a seedling of the Concord. Bunch large, compact, handsome; berries larger than those of the Concord. Superior to it in flavor, and ripens a few days earlier. Destined to become very popular for the vineyard and garden.

Vick's Progressive Strawberry produces good sized fruit of fine quality, deliciously flavored, from May until November

VICK'S ORNAMENTAL TREES

By Express or Freight not prepaid. Trees cannot be sent by Parcel Post.

IT IS SUPRISING how much a few well-placed shade and ornamental trees adds to the value of a piece of property. The slight investment in varieties like those below will yield large dividends in personal satisfaction as well as in actual increased money value.

Beech, Purple-Leaved. A variety of European beech with large, smooth, very dark leaves. The best purple lawn tree known. Each, 4 to 5 ft., \$2.50.

Birch, Cut-Leaved Weeping. Its tall, slender, yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage presents a combination of attractive characteristics rarely met with in a single tree. Extra fine well rooted trees. Each, 5 to 6 ft., \$2.75.

Butternut. Valued for its tropical appearance and beautiful wood, as well as for its nuts. Produces large, handsome, elongated nuts with rich, sweet, oily kernel; very nutritious. The tree grows rapidly and yields large crops in a few years. There are large profits in butternut growing. Each, 4 to 5 ft., \$1.75.

Catalpa Speciosa (Hardy or Western Catalpa). Very popular throughout the country on account of its hardy nature. It has immense leaves, velvet brown when they first appear, changing to a rich dark green, followed by immense panicles of pink and white flowers. Each, 8 to 10 ft., \$1.25.

Catalpa Bungeii (Umbrella Catalpa). Grafted on stems 6 to 8 feet high, it makes an umbrella shaped top without pruning; perfectly hardy, and flourishes in almost all soils and climates; leaves large, glossy, heart-shaped, deep green; always making a symmetrical head. One of the most unique trees; desirable for lawn, park or cemetery. Each, extra large, \$3.75.

Crab, Bechtel's Double Flowering. One of the most beautiful of the many fine varieties of flowering crabs. Tree of medium size, covered in early spring with large, beautiful double, fragrant flowers of a delicate pink color. From a distance the flowers have the appearance of small roses. Blooms when quite young. Each, 3 to 4 ft., \$1.50.

Elm, American. The most admired of all American trees. It is very attractive in any suitable location, is extremely hardy, easily transplanted, and makes the finest shade tree in the world. Each, 8 to 10 ft., \$1.75; 10 to 12 ft., \$2.00.

Maple, Norway. One of the most beautiful and desirable trees known, of large size, perfect outline, with deep green foliage. Its compact habit, stout, vigorous growth, freedom from disease and insects, render it one of the most desirable trees for the street, park or garden. See illustration. Each, 6 to 8 ft., \$2.25; 8 to 10 ft., \$2.75; 10 to 12 ft., \$3.50.

Maple, Schwedler's or Purple Leaf. A beautiful variety of Purple Leaf Norway, with long shoots and leaves of bright purple and crimson color, which change to purplish-green on older leaves. Each, 8 to 10 ft., \$5.00.

Maple, Silver Leaf or Soft Maple. A well-known native tree of rapid growth, large size, and rounded form. Foliage bright green above and silvery-white beneath; tree very hardy and easily transplanted. One of the most useful trees. Each, 6 to 8 ft., \$1.25; 8 to 10 ft., \$1.75; 10 to 12 ft., \$2.25.

Maple, Sugar or Rock. A native tree, valuable for its production of sugar and wood. Very stately in form, rapid grower, has fine foliage and is very ornamental. Each, 8 to 10 ft., \$2.00; 10 to 12 ft., \$3.00.

Mulberry, Downing. This tree is valuable not only for the large, refreshing berries it bears, but as a lawn or street tree. Each, 4 to 5 ft., \$1.50.

Mulberry, Tea's Weeping. One of the finest, most graceful and satisfactory of weeping trees. Umbrella shaped head, with slender willowy branches drooping to the ground. Beautiful glossy foliage, handsomely cut or divided into lobes. Perfectly hardy. Each, \$3.00.



NORWAY MAPLE An Ideal Shade Tree.

Poplar, Carolina. One of the most rapid growing trees; its branches are spreading, the leaves are large, handsome and glossy. The best of the poplars, and especially adapted to planting in large cities, where it resists the smoke and gas and soon affords a dense shade.

Each, 8 to 10 ft., 90 cts.; 10 to 12 ft., \$1.25.

Poplar, Lombardy. Grows to a height of from 100 to 150 feet. Well known and remarkable for its erect, rapid growth and tall, spiry form. Indispensable in landscape gardening, to break the ordinary and monotonous outlines of most other trees.

Each, 8 to 10 ft., \$1.25; 10 to 12 ft., \$1.75.

Thorn, Paul's New Double Flowering. This tree deserves to be classed among the most beautiful of all ornamentals. It is a dense, low grower, and occupies but little space; well adapted to beautify small grounds. Flowers are bright carmine red color and bloom in May and June. Each, 3 to 4 ft., \$2.00.

Walnut, English, Persian or Madeira. A fine, lofty-growing tree, with handsome, spreading head; produces large crops of thin-shelled delicious nuts. Each, 2 to 3 ft., \$2.00.

Walnut, American Black. The large, oily nuts are borne in heavy crops. They are much relished by all people, old and young, and always sell at a fair price. The tree grows quite fast and is extremely ornamental. Each, 4 to 5 ft., \$1.75.

Walnut, Japan. A choice, imported variety, grows with great vigor, forming a handsome head without pruning. The trees begin to bear when two or three years old nuts whose kernels are meaty and can be removed entire. Each, 4 to 5 ft., \$2.00.

Waltham, Mass., April 24, 1922.

I wish to say that the Strawberries arrived April 22 and the Cucumbers today. Everything was in perfect condition and I was very much pleased.

William S. Bradford,

Unless otherwise stated, prices on this page are f. o. b. Rochester, i. e., the express or freight charges to be paid by customer and are subject to market changes.

FERTILIZERS

PULVERIZED SHEEP MANURE

The Very Best Fertilizer for the Lawn and Garden

It is Convenient. Being thoroughly dried and finely ground, Pulverized Sheep Manure is in a convenient form for use on the lawn, in the garden, in the greenhouse, or for potting soil. Most of the weight has been removed in drying.

It is Natural. A pure animal fertilizer. No chemical change or loss of plant food occurs in drying or grinding. Adds organic matter to the soil by nature's own method.

It is Inoffensive. Unequaled for the lawn. Is a top dressing superior to stable manure, without any unsightly appearance or offensive odor.

There is No Risk. Contains no acids or chemicals to burn the sprouting seeds or roots of plants. May safely be used wherever stable manure would be desirable, and without inconvenience or discomfort.

On the Lawn. The first shower, or watering, following an application of Pulverized Sheep Manure, produces a luxuriant dark green growth. The insoluble particles, gradually decaying, feed the grass roots for a long time, so that the effect is lasting.

In the Garden. Pulverized Sheep Manure is convenient; it furnishes plant food in the best form for growing plants of all kinds, and it adds organic matter, or humus, to the soil, thus keeping it in good mechanical condition. Commercial fertilizers cause the soil to become hard and dry. We have used Pulverized Sheep Manure on our own farms quite extensively for Field Crops, with excellent results. For this purpose we use a grain drill as for commercial fertilizers.

Quantity to acre for lawn, 500 to 800 pounds; for other purposes, 1 ton.

5 lbs., 40 cents; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.00; 500 lbs., \$12.50; 1,000 lbs., \$21.00; 1 ton, \$40.00.

Pulverized Poultry Manure. A natural, organic fertilizer especially rich in nitrogen, in available form. Has no objectionable odor and is treated to kill weed seeds. 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$4.00.

Nitrate of Soda (Chili Saltpetre). The best and cheapest form of Nitrogen for plants. Highly concentrated and immediately available. Nothing like it to make plants grow. Price subject to market changes. 3 lbs., 50 cts. 5 lbs., 65 cts.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.75.

Pure Raw Bone Meal. The very best fertilizer for use in potting soil for flowering bulbs. Finely ground. It decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial. Bone Meal forms an excellent permanent improvement and is less likely to waste than other fertilizers. It is safe and there is no danger of burning the plants or bulbs. 1 lb., 10 cts.; or postpaid, 25 cts; not prepaid, 5 lbs., 35 cts; 10 lbs., 60 cts.; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25;

Bone Flour. Used very largely by florists. Especially good for bulbous plants. More quickly available than Bone Meal. 5 lbs., 45 cts.; 10 lbs., 75 cts.; 25 lbs., \$1.60; 100 lbs., \$5.00.

Wood Ashes. One of the best fertilizers. It drives away insects and improves the texture of the soil. 25 lbs 75 cts; 100 lbs., \$2.75; bbl., about 200 lbs., \$5.00; ton, \$45.00.

Bowker's Ammoniated Food for Flowers. Directions for use inside each package. A complete fertilizer for palms, ferns, and blooming plants. Four-ounce package, containing sufficient food for thirty plants for three months, 25 cts, mail prepaid; 12-ounce package, containing sufficient food for 30 plants for one year, 50 cts, mail prepaid.

STIMULANT Makes a WONDER GARDEN

Stim-U-Plant is a highly concentrated, immediately available plant food in convenient tablet form. It is odorless, clean and wonderfully effective for stimulating plant growth either out-of-doors or in pots. Simply insert tablets in soil or dissolve in water to use instead of liquid manure. 30 tablets 25 cents; 100 tablets 75 cts.; postage paid. 1,000 tablets \$3.50., not prepaid.

WEED KILLER

Destroys Weeds in Paths, Roads and Gutters

Weed Killer is a liquid which kills the roots as well as the tops of all weed and grass growths. It is easier to apply and less expensive than hoeing or digging by hand. It is especially effective in removing weeds from walks and cobbled gutters since it does not injure the roadbed; neither does it discolor the cement or stone. One application usually checks the growth of fresh weeds for an entire season. Dilute one part Weed Killer in forty parts water and apply with sprinkling can or cart. Qt., 75 cts; gal., \$1.80; 5 gals., \$6.50.



WHY RAISE ROSES TO FEED BUGS



Melrosine—the only remedy—endorsed by leading authorities. The GENERAL CONTACT INSECTICIDE that KILLS ROSEBUGS and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Gallon, \$6.00; Half-Gallon, \$3.25; Quart, \$1.75; Pint, \$1.00 By mail or express at customers expense. Trial Size, sufficient to make one gallon when diluted, and care for several plants for the season, postpaid for 60 cts

INSECTICIDES

UNIVERSAL SPRAY. An insecticide and fungicide for every purpose. For years men have worked to secure an insecticide that would kill *all* pests. Out of this research Universal Spray was developed. Apply as a dry powder. Unequaled for the control of all pests on Rose Bushes, Shrubs, Trees, Potatoes, Tomatoes and all vine crops, such as Cucumbers, Melons, etc. Top may be perforated. Can be best applied with Model B, Duster shown on opposite page.

By Mail, Post Paid—Trial Package, 25 cts.; Large Package, 50 cts.

Arsenate of Lead, Paste. The standard poison for all leaf eating insects. Dissolves readily and adheres to foliage. 1 lb., 45 cents; 5 lbs., \$1.70; 25 lbs., \$5.50; 100 lbs., \$18.00.

Arsenate of Lead, Powdered. Superior to the paste, remaining longer in suspension and having a greater covering capacity; only half the weight needed as of the paste form. It may be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur or Bordeaux. Best applied dry with Model B Duster shown on opposite page. ½ lb., 35 cents; 1 lb., 65 cents; 5 lbs., \$2.50; 10 lbs., \$4.50. 25 lbs., \$10.00; 50 lbs., \$18.00; 100 lbs., \$35.00

Black-Leaf 40 (Liquid). A highly concentrated solution of Tobacco. Recommended by Experiment Stations for black Aphids and sucking insects of all kinds. Spraying directions on each package. 1 oz., 35 cents; ½ lb., \$1.25; 2 lbs. \$3.75; 10 lbs. \$15.50.

Bordeaux Mixture. (Powder). For fungous diseases. Directions for use on carton. 1 lb., 55 cents; 5 lbs., \$2.50; 25 lbs., \$8.00

Bordo-Lead. (Paste) A combined insecticide and fungicide. Bordo-Lead contains enough Arsenate of Lead to kill bugs and chewing insects, and enough Bordeaux Mixture to prevent blight. Both results are accomplished in one operation. Bordo-Lead is safe to use, sticks to the foliage, covers a large surface evenly and does not wash away. One pound makes five to ten gallons of solution, ready to apply. For small gardens two or three teaspoonsful make a quart. Complete spraying directions are given with each package. 1 lb., 40 cents; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$21.00.

Dalmatian Insect Powder. The true "Persian" insect powder. ½ lb., 45 cents; 1 lb., 80 cts.; 1 lb., \$1.50.

Helbore. Pure and fresh; used largely for cabbage and currant worms, squash bugs, etc. ¼ lb., 25 cts.; ½ lb., 35 cents; 1 lb., 65 cents;

Paris Green. A poisonous, insoluble powder, used extensively for potato bugs, caterpillars, slugs, codling moths, worms and bugs. Applied as a powder, mix with plaster or flour; in solution, mix in two to three hundred gallons of water. ¼ lb., 20 cents; ½ lb., 35 cents; 1 lb., 60 cents.

Pyrox (Paste). The best known liquid spray for Potatoes, Tomatoes, etc. Kills bugs and prevents blight. 1 lb., 45 cents; 5 lbs., \$1.75; 10 lbs., \$2.75; 25 lbs., \$6.50; 100 lbs., \$22.00.

Rat Annihilator. A safe and sure method of ridding your premises of Rats and Mice, easy to use, leaves no odor. Rats eat it and immediately leave in search of water. Your losses by Rats are heavy, stop them. Package 15 cts

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Quart, 75 cents; gallon, \$2.00; 5 gals. \$7.00.

Slug Shot. Non-poisonous powder for Potato Bugs, Cabbage Lice and Worms, Currant Worms, etc. 1 lb. 30 cents; 5 lbs. 75 cents.

Sulpho-Tobacco Soap. Used as a wash for roses, trees, and house plants. Very effective for insects on animals. 3-oz. cake, 15 cents; 8-oz. cake, 30 cents; postage paid.

Tobacco Dust. Per lb., 20 cents; 10 lbs., \$1.00.

Vick's Excelsior Insect Exterminator. Will destroy Striped Bugs, Cabbage Lice, Green Cabbage Worms, Potato Bugs, Aphids, Squash Bugs, Cockroaches, etc.; \$1.50 per pound. Best applied by means of Model B Duster shown on the opposite page, at \$1.25. For use in conservatories and for house plants we offer a small zinc Bellows, in two sizes. No. 1, with one ounce of Exterminator, 35 cents, postage paid. No. 2, with four ounces of Exterminator, 60 cents, postage paid.

Lime Sulphur (Powdered) It is now recognized that the most economical sprays are those put up in a powdered form which eliminates paying freight or express on water. One to one and one half pounds of Dry Lime Sulphur will make five gallons of solution of standard strength for dormant spray. Simply follow the directions on the package, adding the required amount of highly concentrated powder to a given number of gallons of water and stir thoroughly.

Lime Sulphur will destroy San Jose Scale, Oyster Shell Bark Louse, Scurfy Scale and other sucking insects, such as Spiders, Lice, Aphids of all kinds, at the same time Fungus spores of Apple Scab, Peach Rot, Leaf Spot, etc., if applied in the fall immediately after the leaves drop, or in the spring before the buds open. 1 lb., 45 cents; 5 lb. \$1.75

Whale Oil Soap. Used as a wash for roses, trees, and plants affected with insects. ½ lb. box, 25 cents; 1 lb. box, 40 cents, postage paid. Special price on large quantities.

Tree Tanglefoot (Paste). Protects trees against all climbing pests such as Gypsy and Brown tail moths, Tussock moths and Spring and Fall canker worms. One pound will make about 9 lineal feet of band. Apply as soon as snow is off the ground in spring.

1 lb. can, 50 cents; 3 lbs., \$1.45; 10 lbs., \$4.50.

SPRAYING OUTFITS

Express or Freight, Charges Collect

MODEL "B" DUSTER

For applying all kinds of insecticides in powdered form.



Insecticides in powdered form are being used more and more each season, because of the ease with which they can be used,

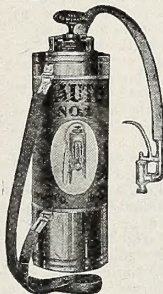
there being no weighing, mixing, or measuring of chemicals and poisons, and because of their effectiveness in combating all kinds of sucking and eating insects. The Model B Duster is the simplest and best tool of its kind we have ever seen, offered at a most reasonable price. Will distribute perfectly all kinds of powdered insecticides. Most insecticides can now be had in powdered form. Fully as good as duster guns which sold last season for \$5.00.

Each, \$1.25.

AUTO-SPRAY No. 1

Capacity Four Gallons of Solution

The Auto-Spray No. 1 is the best compressed air sprayer made. Strongly built and guaranteed to be satisfactory and without defect. Will handle all solutions including whitewash, and can be used in all kinds of work. Tank of heavy brass or galvanized steel. Seamless brass pump 2 inches in diameter. The pump is locked air tight to the tank by means of a simple sliding cam. This locking device is superior to that on any other sprayer. There are no screw connections to wear out and become leaky. All parts are instantly accessible and easily replaced. Each machine equipped with 2 feet of 1/2-inch hose, nozzle for fine spray, cap for solid stream and either stop-cock or our patented self-cleaning shut-off ("auto-pop") as ordered.

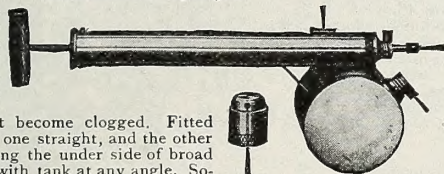


Auto-Spray No. 1-A—Brass tank with stop-cock	\$ 9.00
Auto-Spray No. 1-B—Brass tank with auto-pop	9.50
Auto-Spray No. 1-C—Galvanized tank with stop-cock	6.00
Auto-Spray No. 1-D—Galvanized tank with auto-pop	6.50
Extension, Pipe, Solid Brass, 2 feet length	.50
Extension Pipe, Galvanized, 2 feet length	.40
Elbow Extension, Solid Brass	.35
Strainer Solid Brass	1.20
Auto-Spray Nozzle	.60
Auto-Pop	1.50
Auto-Pop with hose and fittings	2.00

AUTO-SPRAY No. 25

Continuous Sprayer

Compact design. Will handle all solutions. The entire front is removable by unscrewing the front cap, permitting the siphon tube to be with drawn should it become clogged. Fitted with two spray caps, one straight, and the other at an angle for reaching the under side of broad leaves. Will spray with tank at any angle. Solution does not come in contact with pump cylinder.



Auto-Spray No. 25-A—One quart, all tin	\$1.00
Auto-Spray No. 25-B—One quart, Tin pump, Galvanized tank	1.25
Auto-Spray No. 25-C—One quart, Tin pump, Brass tank	1.50
Auto-Spray No. 25-D—One-half gallon, Tin pump, Galvanized tank	1.50
Auto-Spray No. 25-E—One-half gallon, Tin pump, Brass tank	1.75

The weight of No 25 A, B, and C, packed for mailing is two pounds; of No. 25 D and E, three pounds. Add zone postage according to parcel post rates shown on page 42 if desired sent by mail.

MIDGET SPRAYER

The best low priced sprayer for household and garden use. Will distribute any liquid perfectly. Made of tin, holds about a pint. Each 45 cents prepaid.

In these days of up-to-date, profitable farming, quality in seeds is absolutely necessary. Be sure you get the best

BOOKS FOR THE GARDEN

Postage or Express Charges Prepaid

- GARDEN GUIDE.** The Amateur Gardener's Handbook. Thoroughly out its pages the veteran gardeners tell the amateur in remarkably simple, easily understood language, how to plan, plant and maintain the home grounds, suburban garden, or city lot; how to grow good vegetables and fruit; how to raise beautiful flowers; how to take care of lawns, porch plants, window boxes, etc. Handsomely illustrated, newly revised, brought right up to the minute. Paper, \$1.10; cloth, \$1.65.
- The Small Fruit Culturist.** By A. S. Fuller. Illustrated. \$1.75.
- The A B C of Potato Culture.** By W. B. Terry. 50 cents.
- Milady's House Plants.** By F. E. Palmer. The care of plants in the house made simple and success assured. About 100 illustrations. Paper 80 cts.; cloth \$1.10.
- Peony Manual.** By C. S. Harrison. Complete directions for propagation and cultivation. Third Edition, improved and enlarged. 55 cents.
- Making a Garden of Perennials.** By W. C. Egan. Illustrated. 80 cts.
- How to Plan the Home Grounds.** By S. Parsons Jr. Full and practical directions for laying out grounds selecting plants, trees, &c. Illustrated \$1.40
- Making the Grounds Attractive with Shrubbery.** By Grace Tabor. 80 cents.
- Bulbous Plants for the Garden.** Tells how to successfully handle all kinds of bulbous plants, Iris, Gladioli, Dahlias, Cannas, Tulips, Hyacinths, Narcissus, etc. Paper cover. 15 cents.
- The Practical Garden Book.** By Bailey and Hunn. Illustrated, cloth. \$1.90
- Everyman's Garden Every Week.** By Chas. A. Shelden. Tells what to do in a garden and how to do it every week of the growing season. \$1.90.
- The Home Fruit Grower.** By Prof. M. G. Kains. Simple, clear, practical and comprehensive volume for the amateur grower. Paper. \$1.10. cloth \$1.65.

BASKET MAKING MATERIAL

The use of Raffia for all kinds of woven and crocheted articles is becoming increasingly popular. A great variety of enticingly attractive articles can be made with a little ingenuity—fancy baskets, boxes, mats, pot coverings, etc. We have an excellent assortment of colors for almost any purpose.

Raffia. The inner skin of a palm found in Madagascar. Raffia is very strong and tough, but soft and flexible, which fact makes it the only practical article for weaving into fancy baskets, boxes and mats. In its natural color it is a light straw, but for basket work various colors are used; our list is complete and embraces the following. Postage paid.

Pink, Orange, Emerald Green, Sage Green, Golden Brown, Dark Brown, Yellow, Dark Navy Blue, Black, Red, Lavender, Christmas Red.

	OUNCE	1/4 LB.	POUND
Raffia—Colored	See colors above	\$0 15	\$0 45
Raffia—Natural	10	15	30

Samples of Raffia on application.

Grafting Wax. 1/4 lb., 15 cents; 1/2 lb., 25 cents; 1 lb., 40 cents, postpaid

Labels.

Wooden; painted.

	per 100 postpaid.	per 1,000 not prepaid.	per 100 postpaid.	per 1,000 not prepaid.
4 inch	35	\$2 00	6 inch	50
4 1/2 inch	40	2 35	8 inch	1 10
5 inch	45	2 65	10 inch	1 65

Weatherproof Labels. These plant labels are neat, convenient and permanent. They consist of a label and a transparent waterproof cover, which protects the writing from effacement by the elements. The marking on it will last indefinitely if done with a lead pencil, since the graphite of the pencil requires friction to remove it, and that is prevented by the transparent cover. To mark, slide the cover to one side. Our prices include the copper wires for attaching.

	DOZEN	HUNDRED
No. 1, 3 x 1 1/2 inches	\$.25	\$2.00
No. 2, 4 x 3 1/4 inches . . . . .	.50	4.00
No. 3, 5 x 1 inches . . . . .	.75	6.00

PAPER FLOWER POTS

Neponset Waterproof

Neponset Waterproof Paper Flower Pots merit your consideration. They are made from tough, lasting and thoroughly waterproof paper, and have many advantages that earthenware pots do not possess. They are less subject to breakage and practically eliminate all losses from that source; they weigh but one-tenth as much as earthenware pots and are, therefore, easier to handle; they hold moisture much better, and they are comparatively inexpensive. In addition, Neponset Waterproof Flower Pots can be used for every purpose; they are ideal for transplanting potted plants and for rooting strawberry, tomato and cabbage plants. In fact, they can be put to every use in which earthenware pots are employed. Let us supply your needs from this line, which becomes more popular and widely used each year.

	DOZEN	HUNDRED	THOUSAND	WEIGHT PER 1000
2 1/4 inches	\$.15	\$.60	\$ 4.50	12 lbs.
2 1/2 inches . . . . .	.20	.75	5.20	16 "
3 inches . . . . .	.25	.90	6.90	24 "
3 1/2 inches . . . . .	.30	1.20	9.00	34 "
4 inches . . . . .	.40	1.50	11.20	46 "
5 inches . . . . .	.50	2.40	17.60	74 "
6 inches . . . . .	.65	3.10	23.25	102 "

We prepay postage on quantities of 100 and less to and including the fifth zone. Not less than 50 at the 100 rate. Not less than 500 at the 1000 rate

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BLUE LACE
FLOWER

PEONY FLOWERED
POPPY

CARNATION
FLOWERED
POPPY

NEW DAHLIA
FLOWERED
ZINNIA

NEW
CACTUS
FLOWERED
ZINNIA

NIGELLA
LOVE-IN-A-
MIST



**VICK QUALITY SEEDS GROW
THE BEST CROPS THE EARTH PRODUCES**



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